Cottam Solar Project

Environmental Statement

Appendix 14.2: Construction Traffic Management Plan

Revision B

Prepared by: Transport Planning Associates

November 2023

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Cottam
SOLAR PROJECT

Transport Planning Associates

A Planning Application by

COTTAM SOLAR PROJECTS LIMITED

In respect of

Cottam Solar Farm,
LINCOLNSHIRE

Outline Construction Traffic Management Plan

November 2023

Document Management

Document Review

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a
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c
d

Contents

List of Figures

List of Appendices

1 Introduction

1.1 This Outline Construction Traffic Management Plan (CTMP) has been prepared by Transport Planning Associates (TPA) on behalf of Cottam Solar Project Ltd (the 'Applicant') in relation to an application for a Development Consent Order (DCO) for Cottam Solar Project (hereafter referred to as the 'Scheme').

1.2 The Scheme is situated within the jurisdiction of West Lindsey District Council, who act as the local planning authority. Lincolnshire County Council is the highway authority. A small section of the Cable Route Corridor is located within the jurisdiction of Bassetlaw District Council. Nottinghamshire County Council is the highway authority here.

The Scheme

1.3 The Scheme will comprise the construction, operation, maintenance, and decommissioning of a solar photovoltaic (PV) array electricity generating station and Energy Storage Facility with a total capacity exceeding 50 megawatts (MW), and export connection to the National Grid. The grid connection point will be at the National Grid substation at Cottam Power Station.

1.4 The Order Limits are shown in **DCO Core Plan 1** [EN010133/APP/C2.1]. This is shown in **Appendix A.**

This Document

1.5 This Outline CTMP provides a framework for the management of construction vehicle movements to and from the Site, to ensure that the effect of the construction phase on the local highway network is minimised. It is an evolving document that will be updated prior to construction to reflect any considerations made during the DCO process, and to add detail that arises from the post-determination procurement and Engineering Principal Contractor (EPC) appointment. A Final CTMP, substantially in the same form as this Outline CTMP, will be approved by the relevant planning authorities in consultation with the Local Highway Authorities prior to construction commencing.

1.6 The CTMP has the following objectives:

- Minimise the number of HGVs and other vehicles on the local road network that are associated with the construction of the Scheme;
- Ensure the safe movement of equipment, material and construction workers;
- Minimise the effects of construction traffic on the local community; and
- Set out measures to be adhered to by all associated with the construction of the Scheme.

1.7 This CTMP is structured as follows:

- Construction methodology;
- Site access;
- Construction vehicle trip generation;
- Construction vehicle routing;
- Abnormal load movement; and
- Mitigation and management measures.

1.8 It will be the responsibility of the undertaker to ensure that the appointed contractor complies with all statutory regulations and guidelines in relation to construction and movement activities.

1.9 This Outline CTMP has been prepared following various stages of consultation, and through discussions with officers at Lincolnshire County Council. It should be read in conjunction with **Chapter 14** of the **Environmental Statement** [EN010133/APP/C6.2.14], and the **Transport Assessment** at **Appendix 14.1** [EN010133/APP/C6.3.14.1].

2 Construction Works

2.1 The section provides an overview of the Scheme and the construction programme.

2.2 A full overview of the Scheme can be found in ES Chapter 3 on the 'Order Limits' [EN010133/APP/C6.2.3], and ES Chapter 4 on the 'Scheme Description' [EN010133/APP/C6.2.3]. Additional information on the Grid Connection can be found in the 'Grid Connection Statement' [EN010133/APP/C7.7]

Solar Array Works Area

2.3 The main element of the Scheme comprises four Sites that will accommodate the solar arrays. These are referred to as:

- **Cottam 1** – 587ha, made up of a number of fields centred on the village of Coates. Split into Cottam 1 South, Cottam 1 North, and Cottam 1 West;
- **Cottam 2** – 109ha, located to the north of Cottam 1 and to the east of the village of Corringham;
- **Cottam 3a** – 139ha, located to the north of Cottam 2, to the north of the B1205, and to the east of the village of Blyton;
- **Cottam 3b –** 62ha, located to the south of Cottam 3a and to the east of Station Road.

2.4 The key equipment within the Solar Array Works Areas are:

- **Solar PV Panels** – to convert sunlight into electrical current;
- **Mounting Structures –** Solar PV Panels will be mounted on a metal assembly of PV Mounting Structures. This includes metal rails to directly support the PV Panels, which themselves are supported by larger metal frames which are fixed on top of metal piles;
- **Conversion Units –** The Conversion Units incorporate inverters, transformers and switchgear and are required to manage the electricity generated by the PV Panels;
- **Electric Cabling –** Electrical cabling will be required as part of the Generating Stations to connect PV Panels to the Conversion Units**.**

Energy Storage Facility

2.5 An Energy Storage Facility (also referred to as BESS) will be located with Cottam 1 (West).

2.6 The BESS is designed to provide peak generation and grid balancing services to the electricity grid by allowing excess electricity generated either from the solar PV panels, or imported from the electricity grid, to be stored in batteries and dispatched when required.

Substations

2.7 Substations will be required at each Solar Farm Site. The substations will consist of electrical infrastructure such as the transformers, switchgear and metering equipment required to facilitate the export of electricity from each respective site.

Grid Connection

2.8 The electricity generated by the Scheme will be exported to the National Grid substation at Cottam Power Station via a number of electrical cables sited within the defined Cable Route Corridor. These connections will also facilitate the import of electricity to be stored within the energy storage Facility at Cottam 1 West.

2.9 The Cable Route Corridor will be approximately 27.5km in length, and is directed across open countryside. It will require crossings of railways, watercourses, various utilities, Public Rights of Way (PRoW) and roads. The construction of the Grid Connection Route includes the following elements:

- Construction of Haul Road and Laydown Areas;
- Open Cut Excavation;
- Construction of Joint Bays; and
- Cabling/Jointing.

2.10 The cable route corridor will be built out in sections over a 24 month period, with each section requiring a number of site accesses which will be in use simultaneously. It has been estimated that each section will be approximately 4.4km. Each section will take approximately 90 working days to construct.

Other Works

Contractors Compound

2.11 Construction compounds will be set up within each area. These will accommodate storage, parking, offices and welfare facilities.

2.12 Appropriate parking will be provided within each construction compound. No parking by contractors, visitors or delivery vehicles will be permitted on the local highway network or the Site access road at any time during the construction phase, and visitors will be advised of the parking arrangements in advance of travelling to the Site. The Site Manager will monitor that parking is taking place in the designated area on a regular basis.

Internal Routing

2.13 The Scheme will include internal access roads throughout the Site allowing for the movement of construction and maintenance vehicles. The internal access road will be completed during the initial stages of construction so that temporary haul routes are not necessary.

2.14 Appropriate turning areas will be provided in the vicinity of the internal access road to ensure all vehicles egress the Site in a forward gear.

2.15 A wheel washing facility, will be provided at the end of each access road, ahead of the egress onto the local highway network.

2.16 Other works include the following:

- Fencing, security and lighting;
- Landscaping; and
- Surface water drainage.

Construction Programme

2.17 The construction programme is anticipated to last approximately 24 months. The indicative construction programme is summarised in **Table 2.1**.

Table 2.1 Indicative Construction Programme

Site/Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Cottam 1 (N)																								
Cottam 1 (S)																								
Cottam 1 (W)																								
Cottam 2																								
Cottam 3a																								
Cottam3b																								
BESS																								
Grid Connect																								

3 Construction Site Access Arrangements

3.1 This section summarises the accesses that will be used during the construction phase of the Scheme. Indicative Access Arrangement Drawings are shown within **Appendix B** and **Appendix C.**

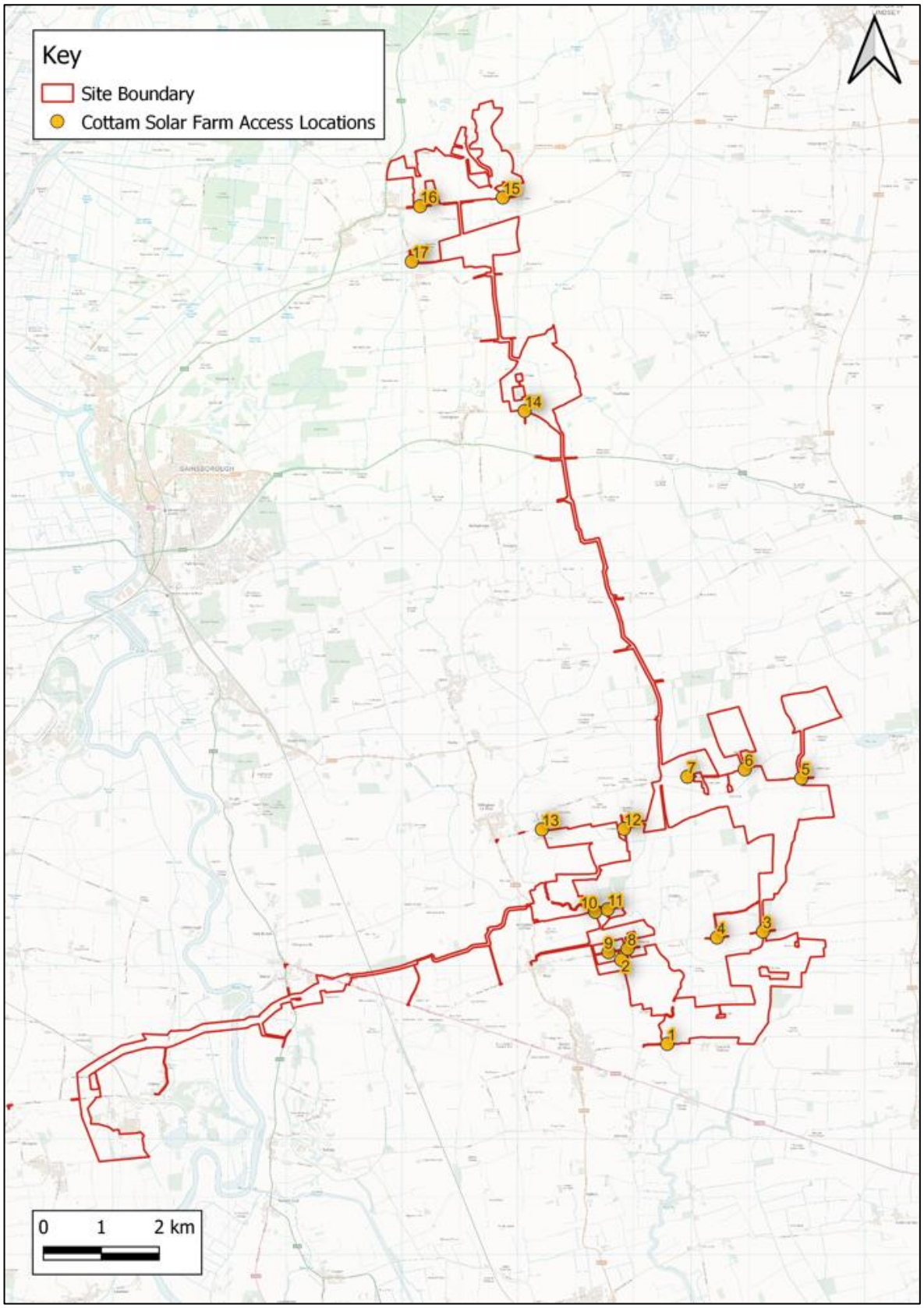
3.2 Any access that is temporarily created for the construction period will be restored to its original condition post-construction.

Cottam 1, 2 and 3a and 3b

3.3 There will be a total of 17 access points for Cottam 1, 2 and 3a and 3b. Of these, 15 will be used for construction vehicle access. The access locations, as follows, are shown in **Figure 3.1.**

- Access 1: Thorpe Lane, at Thorpe Bridge;
- Access 2: Fleets Lane, 200m south of Ingham Road;
- Access 3: Stow Lane (North), between Blackthorn Hill and Furze Hill;
- Access 4: Stow Lane, Grange Farm access – **Operational Only;**
- Access 5: Willingham Road, Fillingham Grange track (North and South);
- Access 6: Willingham Road, Adj. North Farm;
- Access 7: Willingham Road, West of Turpins Farm;
- Access 8: Ingham Road, 100m east of 31 Ingham Road;
- Access 9: Green lane Track from Coates Lane to Ingham Road **– Operational Only;**
- Access 10: Coates Lane, at River Till Bridge;
- Access 11: Coates Lane, 200m east of River Till Bridge;
- Access 12: South Lane;
- Access 13: Stone Pit Lane, at Cot Garth Lane;
- Access 14: Unnamed road from East Lane to A631, adj. Corringham Grange;
- Access 15: B1205 Kirton Road, adj. Blyton Park Driving Centre;
- Access 16: B1205 Kirton Road, 150m west of JG Pears;
- Access 17: Station Road/Pilham Lane, adj. Glebe Farm.

Figure 2.1 Access Locations – Cottam 1, 2 3a and 3b

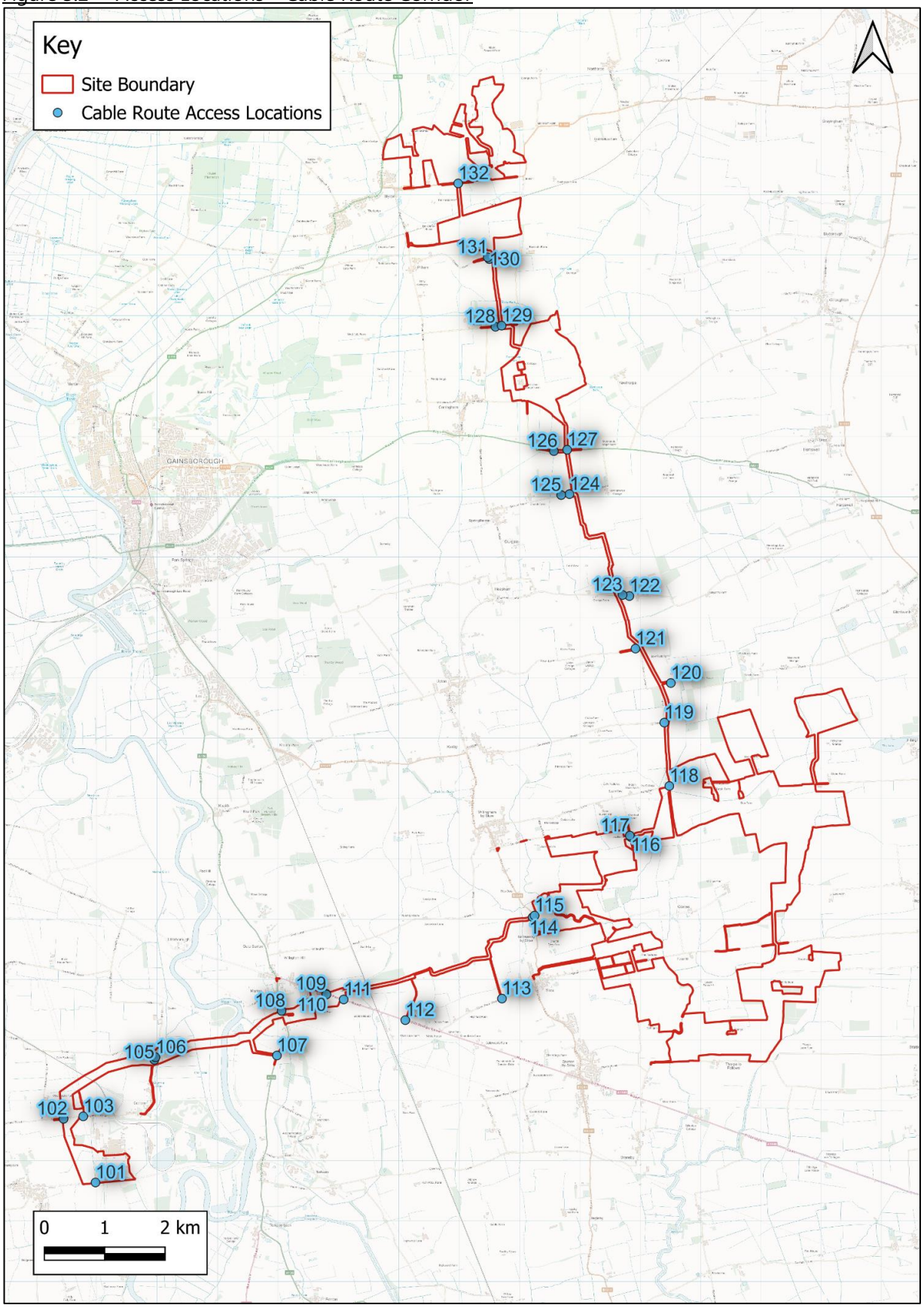


Cable Route Corridor

3.4 For the construction of the Cable Route Corridor, 31 temporary accesses are required, approximately one every kilometre. The locations of these accesses are shown in **Figure 3.2.**

- Access 101: Torksey Ferry Road, opp. Nightleys Road;
- Access 102: Cottam Lane, 150m west of Cow Pasture Lane;
- Access 103: Cottam Lane, to the west of Cow Pasture Lane;
-
- Access 105: Headstead Bank (west), 250m south of Broad Lane;
- Access 106: Headstead Bank (east), south of Broad Lane;
- Access 107: A156 Lea Road, via Footpath Bram/66/1;
- Access 108: A156 High Street, 130m south of Chestnut House;
- Access 109: A1500 Stow Park Road (north), west of Marton;
- Access 110: A1500 Stow Park Road (south), west of Marton;
- Access 111: A1500 Stow Park Road, Marton Grange track;
- Access 112: A1500 Till Bridge Lane, Manor Farm track;
- Access 113: Wooden Lane;
- Access 114: B1241 Normanby Road, West Farm access;
- Access 115: B1241 Normanby Road, East Farm access;
- Access 116: South Lane, opp. Lowfield Farm;
- Access 117: South Lane, 200m south of Moor Farm;
- Access 118: Fillingham Lane;
- Access 119: Glentworth Road, 600m south of Kexby Road;
- Access 120: Kexby Road, 100m east of Glentworth Road;
- Access 121: Cow Lane, 1100m east of Upton Grange;
- Access 122: Common Lane (south), 250m east of Heapham Cliff;
- Access 123: Common Lane (north), 250m east of Heapham Cliff;
- Access 124: School Lane (south), 350m west of Grange Cottage;
- Access 125: School Lane (north), 350m west of Grange Cottage;
- Access 126: A631 Harpswell Lane (north), 600m west of Grange Lane;
- Access 127: A631 Harpswell Lane (south), 600m west of Grange Lane;
- Access 128: Unnamed Road (south), 400m east of Aisby;
- Access 129: Unnamed Road (north), 400m east of Aisby;
- Access 130: Green Lane, 400m west of Pilham Lane;
- Access 131: Green Lane, 400m west of Pilham Lane;
- Access 132: B1205 Kirton Road, 300m east of The Fields

Figure 3.2 Access Locations – Cable Route Corridor



Management of Accesses

3.5 All construction vehicles will access and egress the Site in a forward gear.

3.6 A booking system will be set up to manage arrivals and departures at each access. The intention of this procedure is to avoid instances of HGVs passing each other in opposite directions on the local roads surrounding the Site.

3.7 Banksmen will be deployed at each access whenever construction vehicles are accessing or egressing the Site. This will ensure the safe movement of construction vehicles in and out of the accesses.

3.8 Temporary signage will be erected in the vicinity of the accesses during the construction phase. Diagram 7301 'WORKS TRAFFIC' in the Traffic Signs Regulations and General Directions (TSRGD) will be used to indicate the access and will read 'WORKS TRAFFIC LARGE VEHICLE TURNING'. These signs will be white text and red background 1050 x 750 mm mounted in 'A' frames. The temporary signs will be in place for the duration of the construction phase.

4 Construction Vehicle Trip Generation

4.1 The section sets out the trip generation associated with the construction, operation and decommissioning phase of the Scheme.

Cottam 1, 2, 3a and 3b - HGVs

4.2 **Table 4.1** sets out a summary of the HGV movements that will be associated with the construction phase of the Scheme. The vast majority of deliveries by HGV will be by 16.5m articulated vehicles or 8-10m rigid vehicles. However, there will be a small number of abnormal load deliveries associated with the substation transformers. Abnormal load movements are discussed separately in **Section 6**.

4.3 It is expected that there will be a relatively flat profile of deliveries throughout the construction period. Therefore, an average number of deliveries per day has been calculated based on the length of the construction period. A 50% uplift on these numbers has been applied to provide a forecast of the peak number of daily deliveries.

Table 4.1 Cottam 1, 2, 3a and 3b: Anticipated Construction Deliveries (HGV)

Construction Activity	Vehicle Size (Max)	Cottam 1			Cottam 2	Cottam 3A	Cottam 3B	Total
Construction Period (Working Days)		529	440	337	251	242	178	529
Modules and Mounting Structures	16.5m Articulated	1,490	990	310	530	660	340	4,320
Conversion Units	16.5m Articulated	30	20	10	10	10	10	90
Access Track	10m Tipper	670	440	140	200	250	100	1,800
General (Fencing, Landscaping, etc.)	10m Rigid	1,280	850	260	480	580	350	3,800
Energy Storage Facility	16.5m Articulated	0	0	3,000	0	0	0	3,000
Total		3,470	2,300	3,720	1,220	1,500	800	13,010
Average per Day		7	5	11	5	6	4	38
Total Movements (Arrivals + Departures)		6,940	4,600	7,440	2,440	3,000	1,600	26,020
Average Movements per Day		14	10	22	10	12	8	76
Average Arrivals per Day (Peak Period – Plus 50%)		10	8	17	7	9	7	58
Average Movements per Day (Peak Period – Plus 50%)		20	16	34	14	18	14	116

Cottam 1, 2, 3a and 3b - Cars/LGVs

4.4 On an average day, there is expected to be 450 workers spread across the Site. During the peak periods this could increase to around 600 construction workers. In addition, there will be approximately 50 workers positioned at the Energy Storage Facility in Cottam 1 (West).

4.5 A Construction Worker Travel Plan has been prepared. This is shown in **Appendix D.** This is discussed further in Section 9. The Travel Plan includes a measure for the provision of shuttle buses to transport construction workers to and from the Site. This is particularly important for non-local workers, who will stay in local accommodation and be transported to the Site. It can also be utilised by other workers as appropriate. It is expected that a mixture of coaches and minibuses will be used. On average, it is expected that a shuttle bus will be able to accommodate 20 workers. In addition, workers who drive will be encouraged to car share where possible.

4.6 With this in mind, it is assumed that 50% of workers will arrive by shuttle bus. The remainder will arrive by car with an assumed 1.5 construction workers per car.

4.7 Based on 650 construction workers (including 50 at the Energy Storage Facility), the forecast number of cars/LGVs are set out in Table 4.2.

Table 4.2 Construction Workers

Construction Activity	Cottam 1, 2, 3a and 3b
Construction Workers (Busy Day)	650
Shuttle Bus	16*
Car	217*
Total (Arrivals)	233
Total Movements (Arrivals + Departures)	466

**Rounded to nearest number*

Construction Phase: Cable Route Corridor

4.8 For the construction of the Cable Route Corridor, 31 temporary accesses are required, approximately one every kilometre. It is forecast that each access will generate up to eight arrivals and eight departures per day for the delivery of material and equipment. Around half of these will be HGV trips and half LGV trips. There will also be around 10 construction workers per access, arriving by car and shuttle bus. Therefore, the cable route corridor will generate the following trips per day:

- Material and equipment:
  - HGV – 16 deliveries (32 movements) spread over four accesses;
  - LGV - 16 deliveries (32 movements) spread over four accesses;
- Construction worker arrivals (car or shuttle bus) – 40 arrivals (80 movements) spread over four accesses. As there are fewer construction workers than for the solar array sites, spread over a number of accesses, it is assumed that all workers will arrive by private car as a worst-case scenario.

4.9 HGV trips will largely consist of 10m tipper trucks. However, there will be a number of abnormal load movements associated with cable drum deliveries. This is discussed further in **Section 6**.

Timings of Construction Vehicle Movements

4.10 Deliveries by HGV will be coordinated through a booking system to avoid travel during the network peak hours, where possible. Therefore, deliveries will be scheduled for between 09:30 and 16:30 where possible.

4.11 Construction worker shifts will be schedule so that workers are not traveling during the network peak hours of 08:00-09:00 and 17:00-18:00.

4.12 Therefore, there should be limited or no construction vehicle movement between 08:00-09:00 and 17:00-18:00.

Summary

4.13 On a peak day during the construction phase, the following movements could be generated:

- Cottam 1, 2, 3a and 3b
  - HGV – 58 (116 total movements)
  - Car/Shuttle associated with construction workers – 233 (466 total movements)
- Cable Route Corridor
  - HGV – 16 (32 total movements)
  - LGV – 16 (32 total movements)
  - Car/Shuttle associated with construction workers – 40 (80 total movements)

5 Construction Vehicle Routing

5.1 This Section provides details of the construction vehicle routes to each access of the Scheme. Drivers will be made aware of the routes to each access in advance of driving to the Site. The selected routes are considered the most appropriate to each access.

Cottam 1

5.2 Cottam 1 the largest area of the Scheme, and is split into three areas:

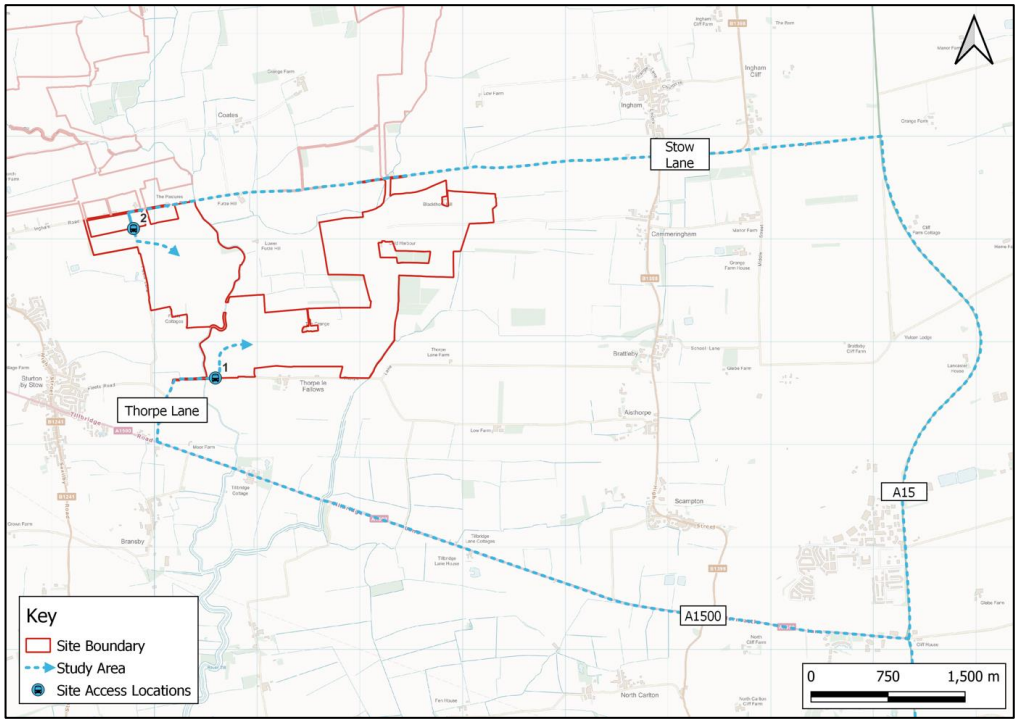
- Cottam 1 South;
- Cottam 1 North; and
- Cottam 1 West (to include the Energy Storage Facility).

5.3 All vehicles will arrive from the A15 to the east of the Site.

Cottam 1 South

5.4 The construction vehicle route for Cottam 1 South is shown in **Figure 5.1**

Figure 5.1 Cottam 1 South Construction Vehicle Route



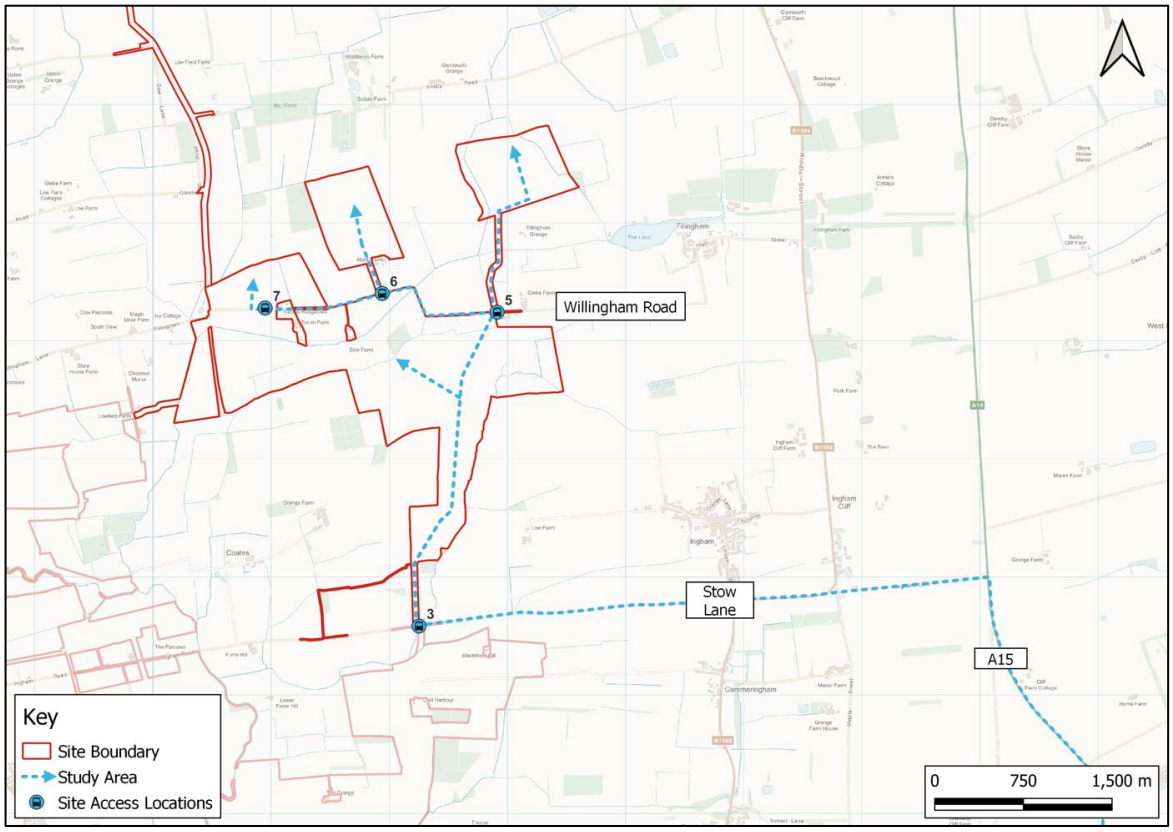
5.5 The routes to the two construction accesses that make up Cottam 1 South are:

- **Access 1 - Thorpe Lane:** A15 → A1500 Till Bridge Lane → Thorpe Lane
- **Access 2 - Fleets Lane:** A15 → Ingham Lane/Stow Lane/Ingham Road → Fleets Lane

Cottam 1 North

5.6 The construction vehicle route for Cottam 1 North is shown in **Figure 5.2**

Figure 5.2 Cottam 1 North Construction Vehicle Route



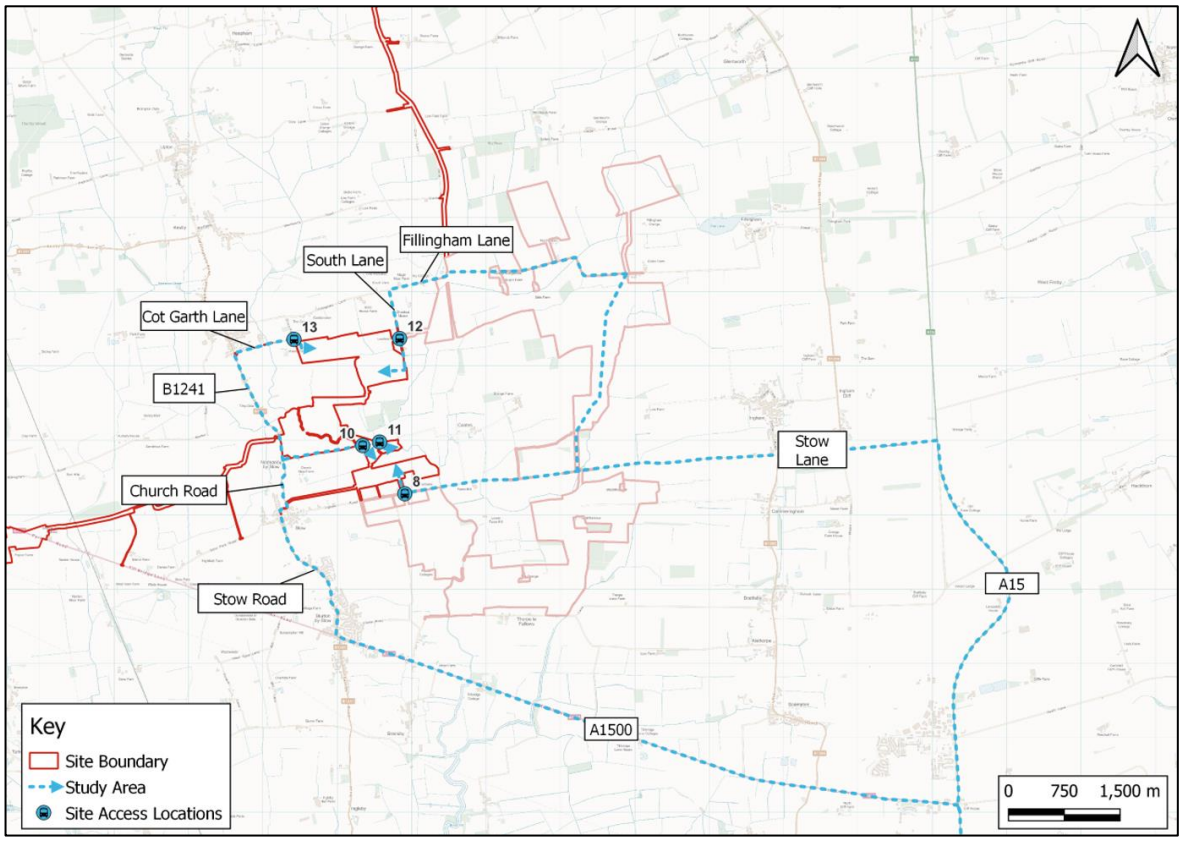
5.7 The routes to the four construction accesses that make up Cottam 1 North are:

- **Access 3 - Stow Lane:** A15 → Ingham Lane/Stow Lane/Ingham Road
- **Access 5, 6 and 7 – Willingham Road:** A15 → Ingham Lane/Stow Lane → Internal Access Track → Willingham Road

Cottam 1 West

5.8 The construction vehicle route for Cottam 1 West is shown in **Figure 5.3.**

Figure 5.3 Cottam 1 West Construction Vehicle Route



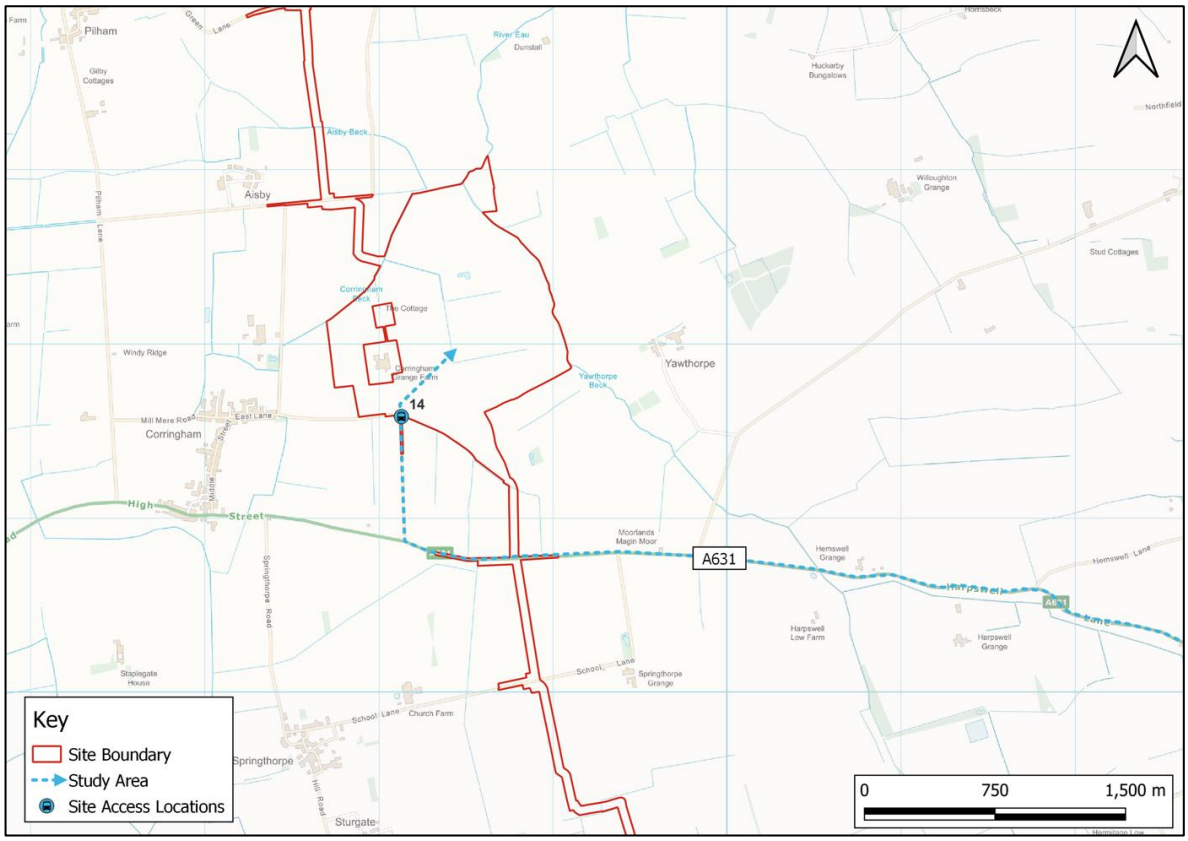
5.9 The routes to the five construction accesses that make up Cottam 1 West are:

- **Access 9 - Ingham Road:** A15 → Ingham Lane/Stow Lane/Ingham Road → Access;
- **Access 10 and 11 – Coates Lane:** A15 → A1500 Till Bridge Lane → Stow Road/Church Road → Coates Lane;
- **Access 12 – South Lane:** A15 → Ingham Lane/Stow Lane → Internal Access Track → Willingham Road → South Lane; and
- **Access 13 – Stone Pit Lane (Abnormal Loads):** A15 → A1500 Till Bridge Lane → B1241→ Cot Garth Lane → Stone Pit Lane.

Cottam 2

5.10 The construction vehicle route for Cottam 2 is shown in **Figure 5.4**

Figure 5.4 Cottam 2 Construction Vehicle Route



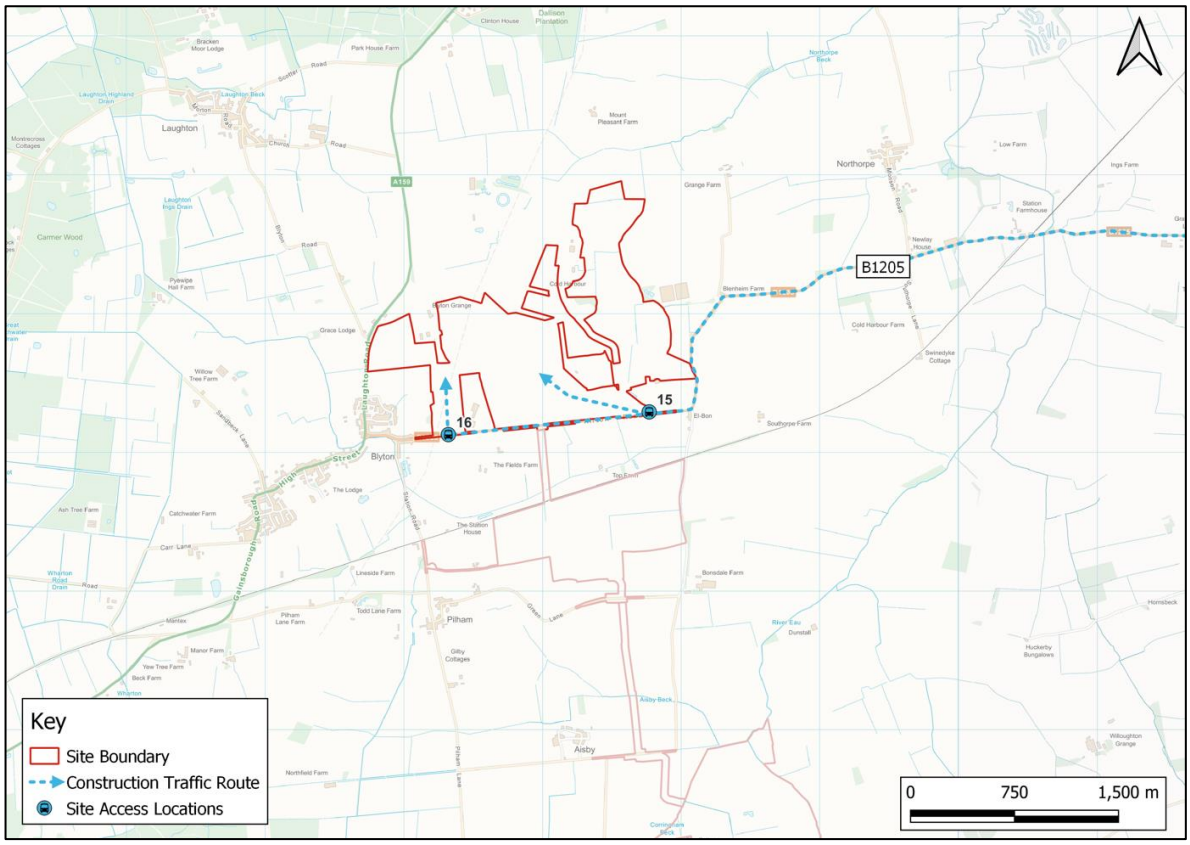
5.11 The route to the construction access for Cottam 2 is:

- **Access 14 – A631:** A15 → A631 → Access Road → Site

Cottam 3a

5.12 The construction vehicle route for Cottam 3a is shown in **Figure 5.5**

Figure 5.5 Cottam 3a Construction Vehicle Route



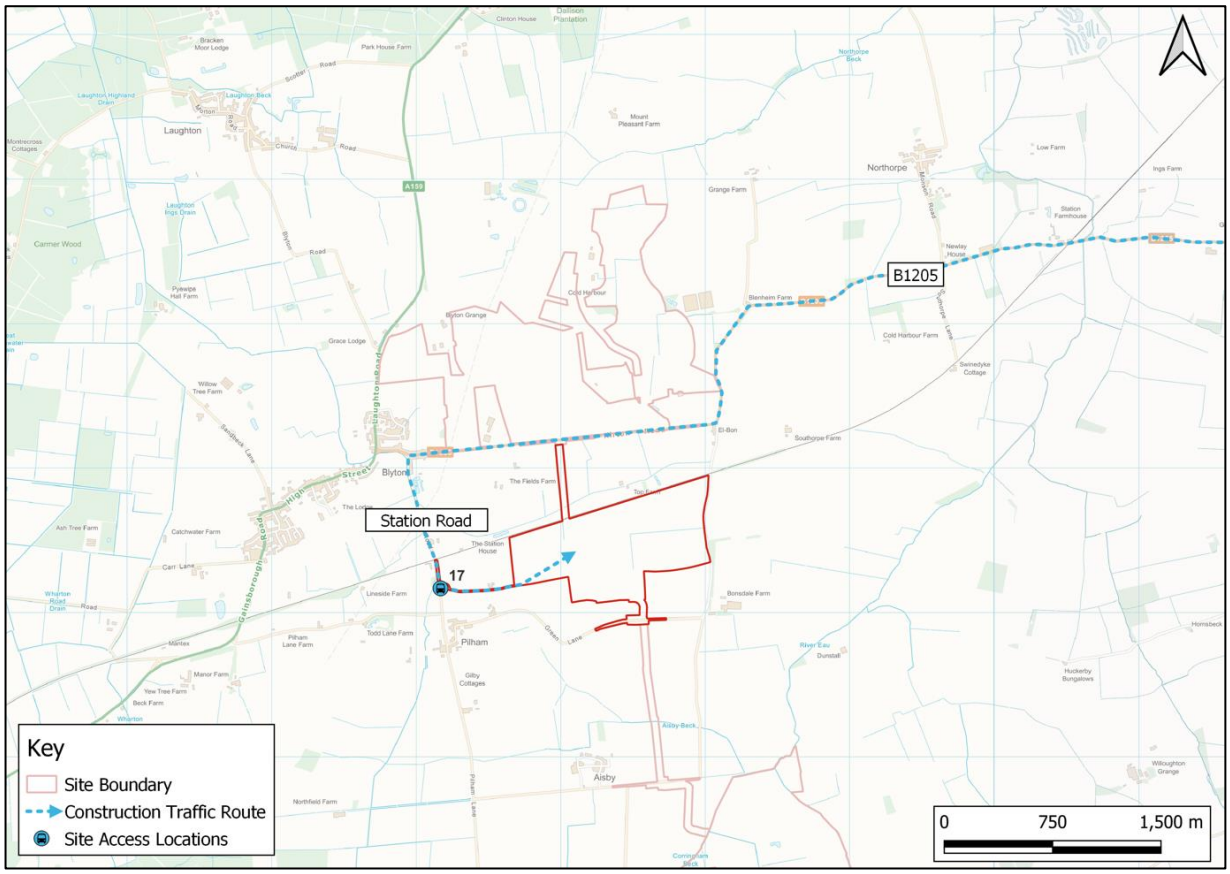
5.13 The route to the construction accesses that make up Cottam 3a is:

- **Access 15 and 16:** A15 → B1205 Kirton Road → Accesses

Cottam 3b

5.14 The construction vehicle route for Cottam 3b is shown in **Figure 5.6**.

Figure 5.6 Cottam 3b Construction Vehicle Route



5.15 The route to the construction accesses that make up Cottam 3b is:

- **Access 17:** A15 → B1205 Kirton Road → Station Road → Accesses

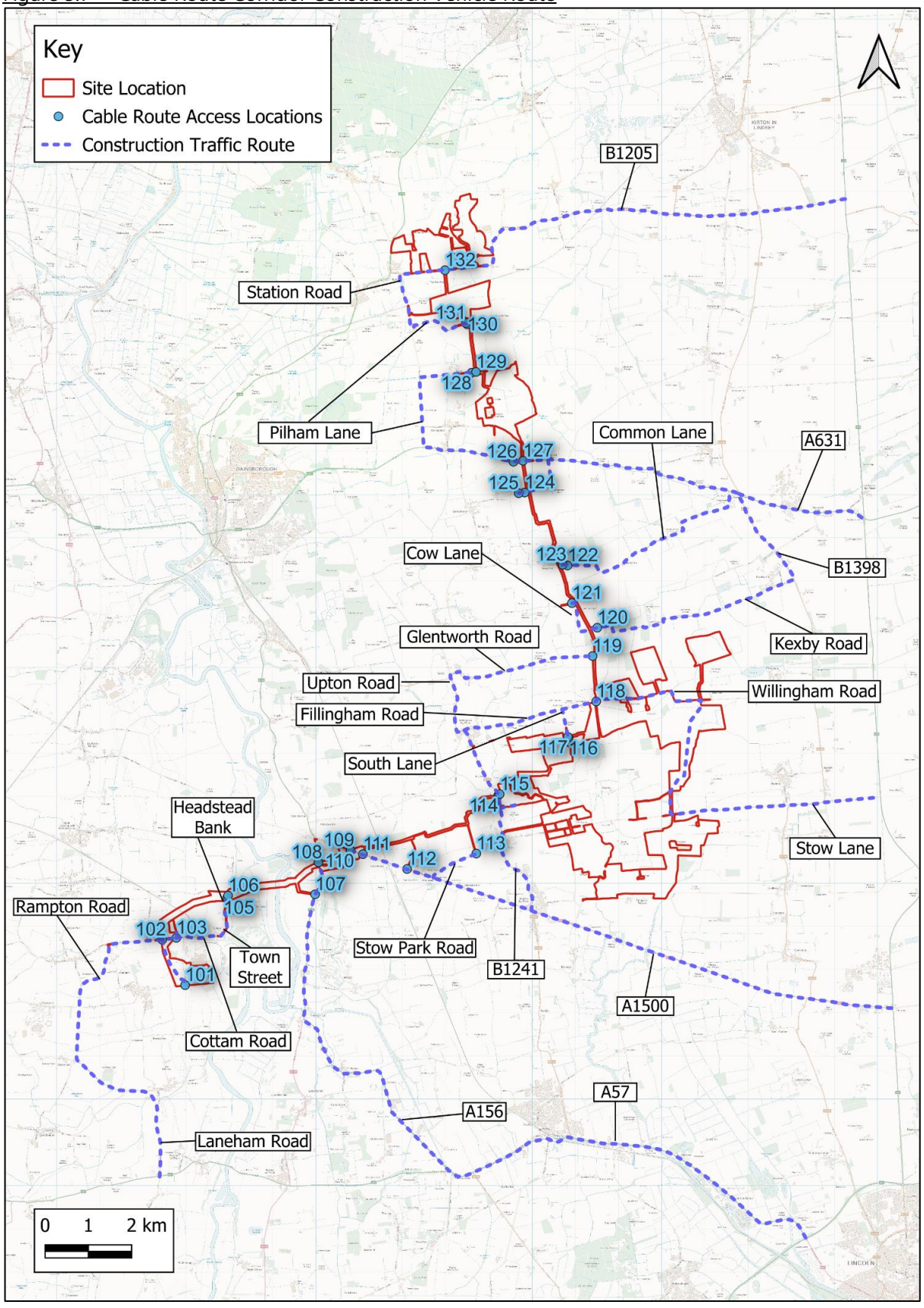
Cable Route Corridor

5.16 A summary of the construction vehicle routes for each access for the Cable Route Corridor is set out below and shown in **Figure 5.7**

- **Grid Connection Access 101**: A57 → Laneham Road → Cottam Road → Via Access 102 internal track;
- **Grid Connection Access 102 and 103:** A57 → Laneham Road → Cottam Road
- **Grid Connection Access 105 and 106:** A57 → Laneham Road → Cottam Road Headsted Bank;
- **Grid Connection Access 107 and 108:** A57 → A156 High Street south of Marton;
- **Grid Connection Access 109, 110, 111 and 112:** A15 → A1500 Till Bridge Lane;
- **Grid Connection Access 113:** A1500 Till Bridge Lane → Stow Park Road;
- **Grid Connection Access 114 and 115:** A1500 Till Bridge Lane → B1241;
- **Grid Connection Access 116 and 117:** Through Cottam 1 Site → South Lane;
- **Grid Connection Access 118:** Through Cottam 1 Site → Willingham Road;
- **Grid Connection Access 119:** B1241 → Glentworth Road;

- **Grid Connection Access 120 and 121:** A631 → Middle Street → Kexby Road;
- **Grid Connection Access 122 and 123:** A631 → Common Lane;
- **Grid Connection Access 124 and 125**: A631 → School Lane;
- **Grid Connection Access 126 and 127:** A631 (Lincolnshire);
- **Grid Connection Access 128 and 129:** A631 → Pilham Lane (Lincolnshire);
- **Grid Connection Access 130 and 131:** B1205 → Station Road → Pilham Lane;
- **Grid Connection Access 132**: B1205 Kirton Road;

Figure 5.7 Cable Route Corridor Construction Vehicle Route



Route Signage

5.17 Temporary road signing will be implemented along the designated routes to inform background traffic of the ongoing construction works and to direct construction traffic to and from the Site. The signs will be located at key points along the route, including junctions.

5.18 All signage will be compliant with Chapter 8 of the Traffic Signs Manual where applicable. The following points will be considered when locating signage:

- The position of the sign in relation to the highway;
- Possible distraction to drivers; and
- The proximity to junctions and roundabouts.

5.19 The signage strategy will be agreed with the local highway authority through the final CTMP.

Management of Deliveries

5.20 Due to the relatively low number of vehicles associated with the construction phase there is not anticipated to be any significant delay to background traffic.

5.21 All deliveries will be scheduled in advance using a booking system. Drivers will be instructed to stop in an appropriate layby and make contact if they are likely to miss their allotted slot to allow the schedule to be adapted in as much as possible. The intention of this procedure is to avoid instances of HGVs passing each other in opposite directions on the local roads surrounding the Site.

Procedure for Arrival to Site

- Drivers to be notified of scheduled arrival time ahead of delivery to the Site and which access/route to use;
- When the delivery vehicle is due the banksmen will be mobilised and will go to position at the relevant Site access;
- The driver will be informed that the operators are in place and it is appropriate to travel to the Site via the agreed route;
- All operatives will communicate with each other, as necessary; and
- Banksmen will assist HGV's to manoeuvre from the public highway into the Site accesses, but will not direct general traffic.

5.22 The following procedure will be initiated when HGVs are leaving the Site:

Procedure for Leaving the Site

- Before drivers depart, the Site Manager will be notified. They will then mobilise the banksmen at the relevant Site access;

- Drivers will be advised when the banksmen are in place; and
- Banksmen will guide the drivers exiting the Site on to the public highway.

5.23 Mitigation measures will be provided throughout the construction phase and are discussed in more detail in **Chapter 7**.

6 Abnormal Loads

6.1 There will be a number of abnormal load movements associated with the construction of the Scheme.

6.2 Abnormal load specialists 'Wynns' have prepared a report detailing the required movements. This is shown in **Appendix F** of the **Transport Assessment (ES Appendix 14.1).**

Trip Generation and Access

Cottam 1, 2, 3a and 3b

6.3 The Abnormal Load movements associated with the substations and their access are summarised in Table 6.1.

Table 6.1 Abnormal Load Movements

Substation Location	Transformer Dimensions (Length/Width/Height)	Vehicle Type	Access	Frequency
Cottam 1	7.24m/5.00m/4.78m 157 tonnes	16 axle girder frame (approx. 70m in length)	Stone Pit Lane (Access 13)	5
Cottam 2	7.90m/4.86m/4.50m 100 tonnes	5 axle bed with 5 axle draw bar trailer (approx. 36m in length)	A631 (Access 14)	2
Cottam 3a	7.90m/4.86m/4.50m 100 tonnes	5 axle bed with 5 axle draw bar trailer (approx. 36m in length)	Kirton Road (Access 16)	2
Cottam 3b	7.90m/4.86m/4.50m 100 tonnes	5 axle bed with 5 axle draw bar trailer (approx. 36m in length)	Station Road (Access 17)	1

Cable Route Corridor

6.4 The 30 tonne cable drum will be delivered on a Cable Reel Trailer. This vehicle is classified as an abnormal load. However, the vehicle is not nearly as big as those required to deliver the transformers at 26m in length.

6.5 Each section of the Cable Route will require around 100 cable drum deliveries (around 25 per access).

6.6 The Cable Reel Trailer and vehicle will get as close to the relevant access location as possible. From here, the cable drum will be unloaded and towed along the haulage road to the appropriate location for installation. This will be managed through banksmen and/or traffic marshalls.

Routes for Abnormal Load Movements

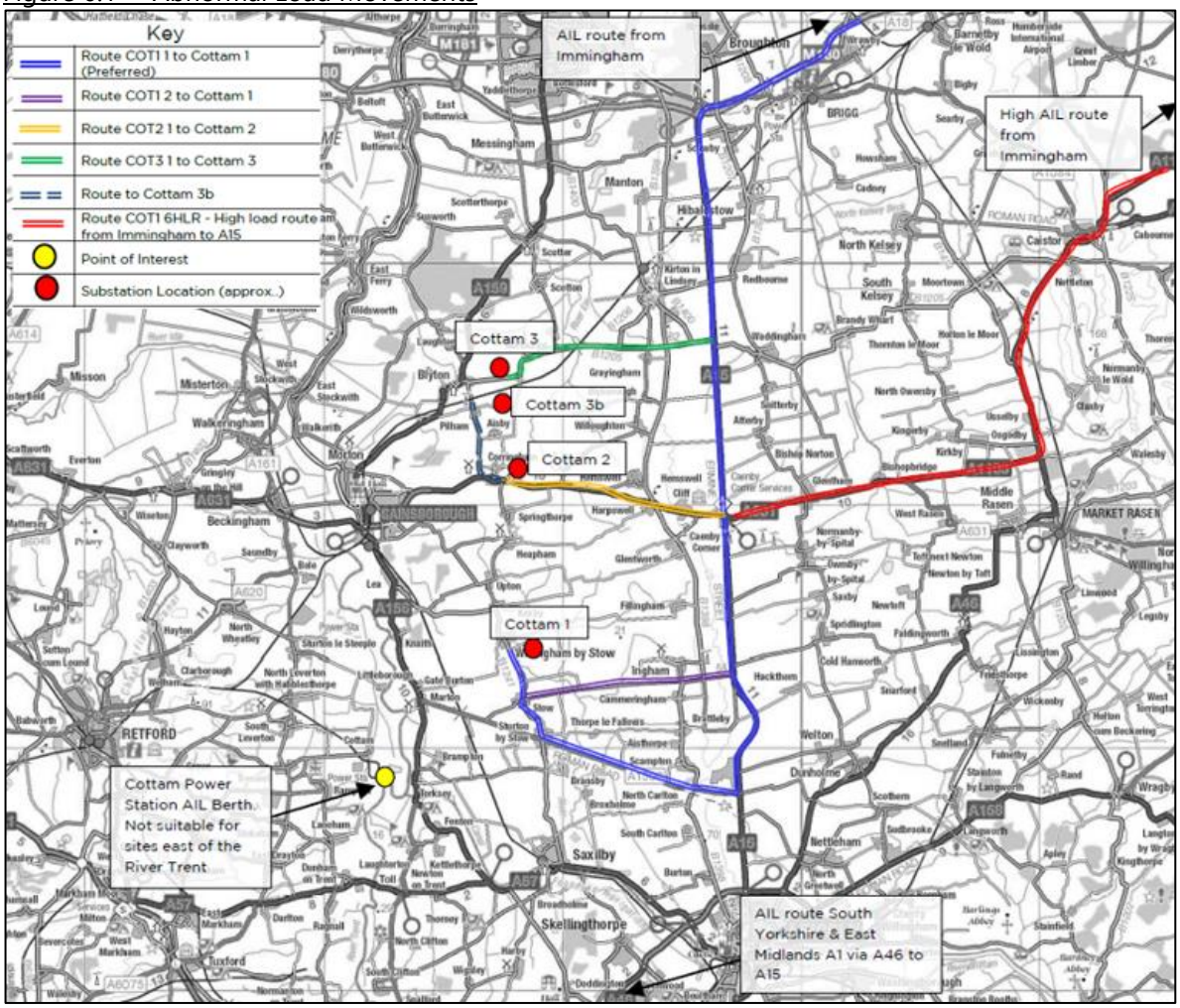
Cottam 1, 2, 3a and 3b

6.7 Loads will be transported by river to the Immingham Docks. From here they will use the A160, A180 and M180 to reach the A15. From the A15, the routes to the relevant substations within each Site are as follows:

- **Cottam 1**: A15 → A1500 Till Bridge Lane → Stow Road/Church Road → B1241→ Cot Garth Lane → Stone Pit Lane Access;
- **Cottam 2**: A15 → A631 → Access Road;
- **Cottam 3a:** A15 → B1205 Kirkton Road → Access;
- **Cottam 3b:** A15 → A631 → Pilham Lane → Station Road → Access.

6.8 These routes are shown in **Figure 6.1**

Figure 6.1 Abnormal Load Movements



Cable Route Corridor

6.9 Wynns has undertaken analysis of the routes to the Cable Route Corridor, as set out Section 6. This is shown within their report at **Appendix F** of the **Transport Assessment (ES Appendix 14.1)**. They have concluded that all accesses are accessible by the Cable Reel Trailer except Accesses 122 and 123. Therefore, these will not be used for abnormal load movements.

Management and Measures

Cottam 1, 2, 3a and 3b

6.10 Traffic management will be in places for all 10 abnormal load movements destined for the Sites.

> *"AILs will take up the entire road width on the final approaches to all sites and careful traffic management will need to be agreed with Lincolnshire Police in terms of escort requirements. It is possible that detailed traffic management options including Temporary Traffic Regulation*

Orders (TTRO) will be required by the police or highway authority although no such requirement has been highlighted as necessary to date in their responses to the route enquires. It will be agreed by the appointed haulage contractor prior to movement".

6.11 The exact nature of the traffic management will be agreed with the local highway authority and police prior to the movement taking place.

6.12 For the structure reviews, should any issue arise, the following measures will be explored (Wynns Report Paragraph 9.18);

- Alternative trailer arrangements to spread the load;
- Temporary or permanent relieving measures.

6.13 Where appropriate, the temporary laying of steel plates or timbers will be undertaken to protect verges and kerbs.

Cable Route Corridor

6.14 Traffic management will also be in place for abnormal load movements associated with the Cable Route Corridor. Again, the exact nature of the traffic management will be agreed with the local highway authority and police prior to the movement taking place.

7 Construction Traffic Mitigation and Management Measures

7.1 The contractor will introduce measures to minimise the impact resulting from construction activities. It will be the responsibility of the Project Manager and Site Manager to oversee the implementation of the mitigation and management measures.

7.2 The measures are set out below.

Public Rights of Way

(i) A Public Right of Way Management Plan will be implemented during the construction phase of the Scheme. An Outline Public Right of Way Management Plan is included at **Appendix 14.3** of the **Environmental Statement** [EN010133/APP/C6.3.14.3]. Where a vehicle track crosses a Public Right of Way, the following measures will be implemented:

- A widened access track to ensure vehicles can pass PRoW users safely (including cyclists and equestrians);
- The provision of banksmen at either end of the PRoW, to hold vehicles if a PRoW user is present and advise PRoW users of the potential for construction vehicles to be present;
- Speeds to be limited to 10mph;
- Drivers will stop and give-way to any PRoW user (in particular for equestrians) that they encounter;
- Appropriate signage will be installed along the PRoW to make PRoW users aware of the construction activity. This will include information on construction times and contact details for a public liaison officer;
- The PRoW will be kept clear of construction vehicles and apparatus outside of permitted construction hours so far as is practicable to do so;
    - Any damage to the surface of the footpath/bridleway will be repaired as soon as practicable. The surface will be returned to its original condition following completion of construction.

Specific Highway Measures

(ii) Where existing accesses are utilised, these will be widened and formalised as appropriate. Visibility splays will be kept clear throughout the construction period;

(iii) On narrower sections on the highway, in particular on Willingham Road, temporary pass-by bays will be created.

Traffic Management

(iv) For the duration of the construction phase, it is recommended that sector approved traffic marshals are positioned at the B1205/B1398 crossroad as this is an identified accident hotspot. The exact nature of the traffic management in this location will be agreed with the local highway authority and police prior to construction commencing.

(v) Traffic management for abnormal load movements will be agreed with the local highway authority and police prior to the abnormal load movements taking place.

Signage

(vi) Signs to direct construction vehicles associated with the development will be installed along the construction traffic route. Delivery drivers, contractors and visitors will be provided with a route plan in advance of delivering to Site to ensure that vehicles follow the identified route. The signage strategy will be agreed with the local highway authorities prior through the Final CTMP;

(vii) All signage on the designated route will be inspected daily by the Site Manager, to ensure they are kept in a well maintained condition and located in safe and appropriate locations;

Vehicle Movement

(viii) Construction deliveries by HGV will be coordinated to arrive/depart between 09:30-16:30 to avoid the network peak hours of 08:00-09:00 and 17:00-18:00.

(ix) Banksmen will be provided at the Site accesses to indicate to construction traffic when it is safe for them to enter and exit the Site;

(x) A Construction Worker Travel Plan will be implemented, to encourage construction workers to travel to the Site via sustainable travel, where possible. Measure include the provision of a shuttle bus and a car sharing scheme. Shifts will be organised to avoid construction worker movement between 08:00-09:00 and 17:00-18:00;

(xi) The management associated with Abnormal Load movements will be agreed with the local highway authority and the police prior to the delivery;

Booking System

(xii) A booking system will be set up to manage arrivals and departures to the Site. A log will be kept as part of the booking system. The intention of this procedure is to avoid instances of HGVs passing each other in opposite directions on the local roads surrounding the Site.

Parking

(xiii) Advisory signs informing contractors and visitors that parking is not permitted on-street in the vicinity of the Site or on the Site access road. Contractors and visitors will be advised that parking facilities will be provided on-Site in advance of visiting the Site and that they should not park on-street;

Wheel Wash Facility

(xiv) A wheel washing facility will be provided at each access. This will be located at the end of each access road, ahead of the egress onto the local highway network;

(xv) A visual inspection of vehicles will be undertaken before they depart the Site, to ensure that they are not carrying any residual debris onto the highway;

(xvi) If required, a road sweeper will be provided for the area surrounding access to alleviate any residual debris generated during the construction phase, as required;

Noise Reduction and Air Quality

(xvii) When on Site and when not in use, vehicle engines will be switched off;

(xviii) Vehicles carrying material off-Site will be sheeted to prevent the spread of dust;

(xix) In dry conditions, areas near to the Site access will be sprayed with water supplied to prevent the spread of dust;

Site Security

(xx) The Site will be secured at all times via a perimeter fence or temporary fencing. CCTV will be operational within the construction compound;

Road Condition Survey

(xxi) A pre-construction road condition survey will be carried out on the local highway network via video two weeks before the construction phase commences. The extent of the survey will be agreed with the local highway authority prior to commencement. Once construction is complete, a post-construction condition survey will be undertaken in order to identify any additional defects that can reasonably be attributable to construction activities at the Site. Any identified highways defects resulting from construction activities associated with the Site will be corrected to the satisfaction of the local highway authority.

(xxii) A separate road condition survey will be undertaken on any private road affected by the Scheme. Any identified defects in the private road resulting from construction activities will be corrected to the reasonable satisfaction of the owner.

Community Engagement

(xxiii) The details of the Construction Site Manager will be provided to the local highway authority in advance of any work being carried out.

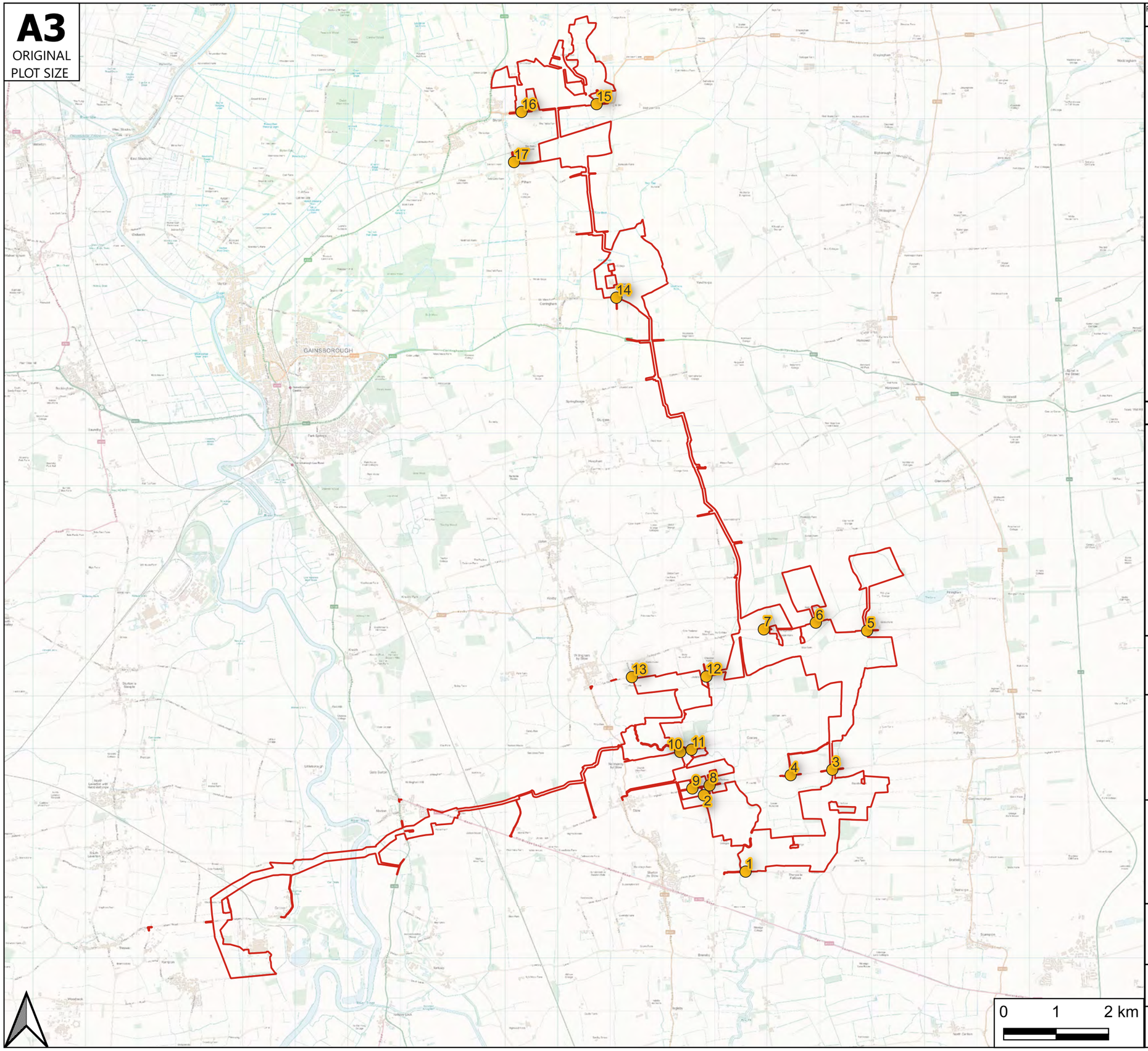
(xxiv) The Construction Site Manager's details will also be provided on a Site-board at the Site accesses. If anyone in the local community has any issues during the construction phase, the Site Manager will be available to discuss.

Monitoring

(xxv) Any unforeseen issues that arise in relation to construction vehicle movement will be logged by the Site Manager. If necessary, the issues will be discussed with the local highway authority so that they can be resolved as appropriate.

FIGURES

A3
ORIGINAL
PLOT SIZE



Reproduced from .....

Key

- Site Boundary
- Cottam Solar Farm Access Locations

Rev	Date	Details	Drawn by	Checked by	Approved by

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Transport Planning Associates

25 King Street
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BS1 4PB

0117 925 9400
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CLIENT:
Cottam Solar Projects Limited

PROJECT:
Cottam Solar Project

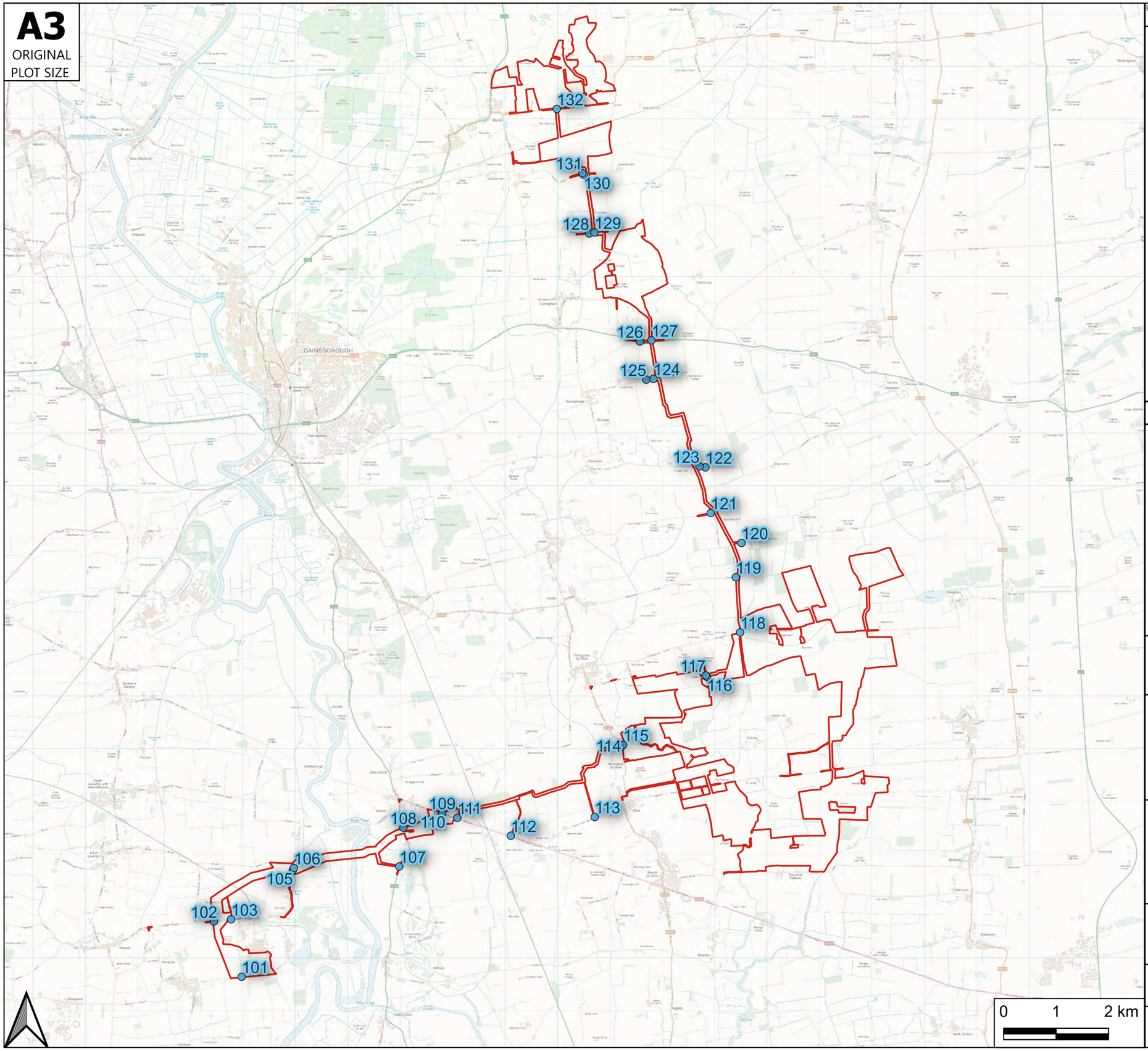
TITLE:
Access Locations - Cottam 1, 2 and 3

STATUS:
FOR INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
NTS	14/12/22	AC	RR	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 3.1	-

A3
ORIGINAL
PLOT SIZE



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Key

- Site Boundary
- Cable Route Access Locations

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CLIENT:
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PROJECT:
Cottam Solar Project

TITLE:
Access Locations - Cable Route Corridor

STATUS:
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SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
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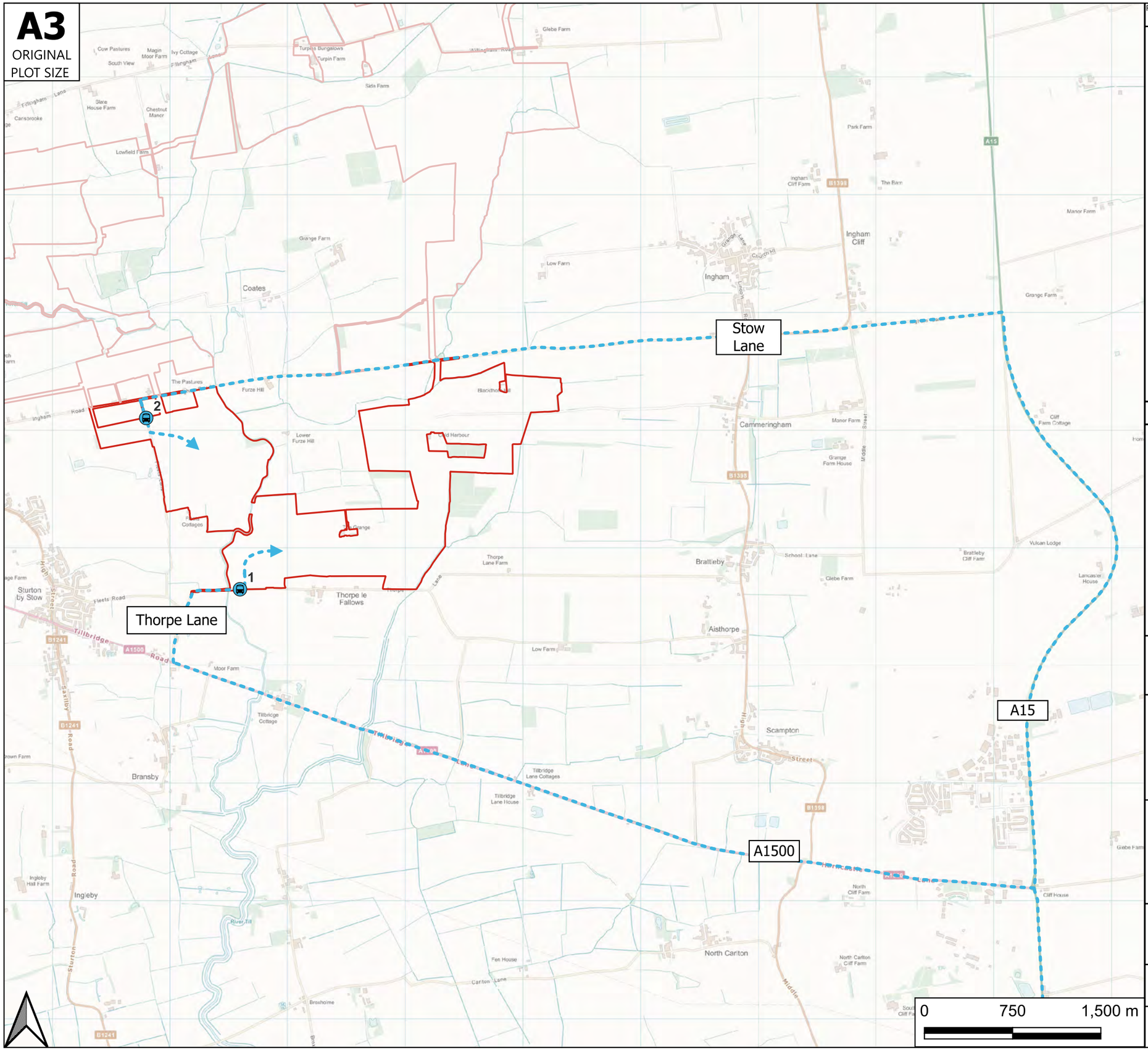
JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 4.2	-

A3
ORIGINAL
PLOT SIZE



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Key

- Site Boundary
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CLIENT:
Cottam Solar Projects Limited

PROJECT:
Cottam Solar Project

TITLE:
Construction Vehicle Route - Cottam 1 South

STATUS:
FOR INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
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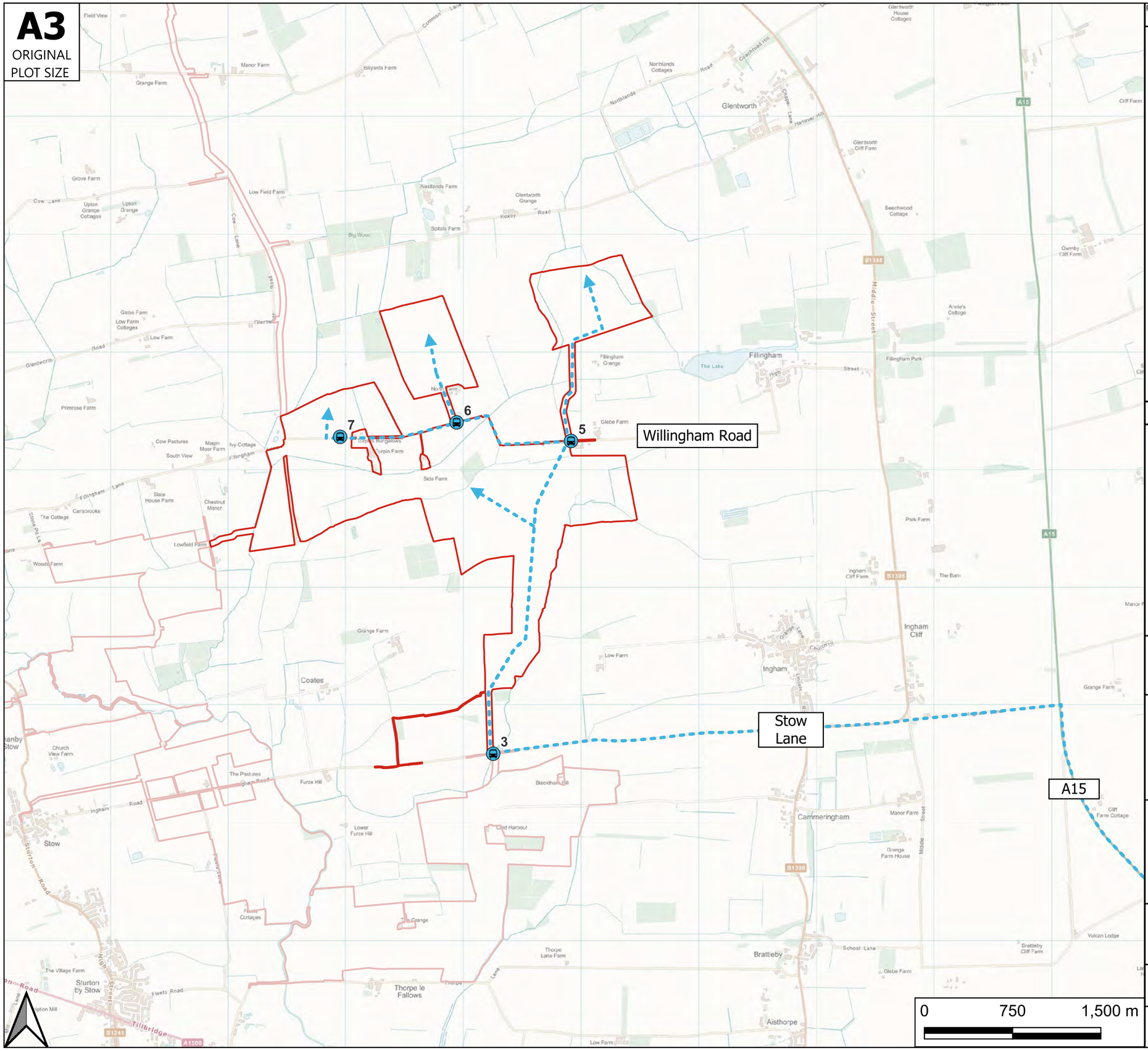
2107-062	Figure 5.1	-

A3
ORIGINAL
PLOT SIZE



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Key

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- Site Access Locations

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CLIENT:
Cottam Solar Projects Limited

PROJECT:
Cottam Solar Project

TITLE:
Construction Vehicle Route - Cottam 1 North

STATUS:
FOR INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
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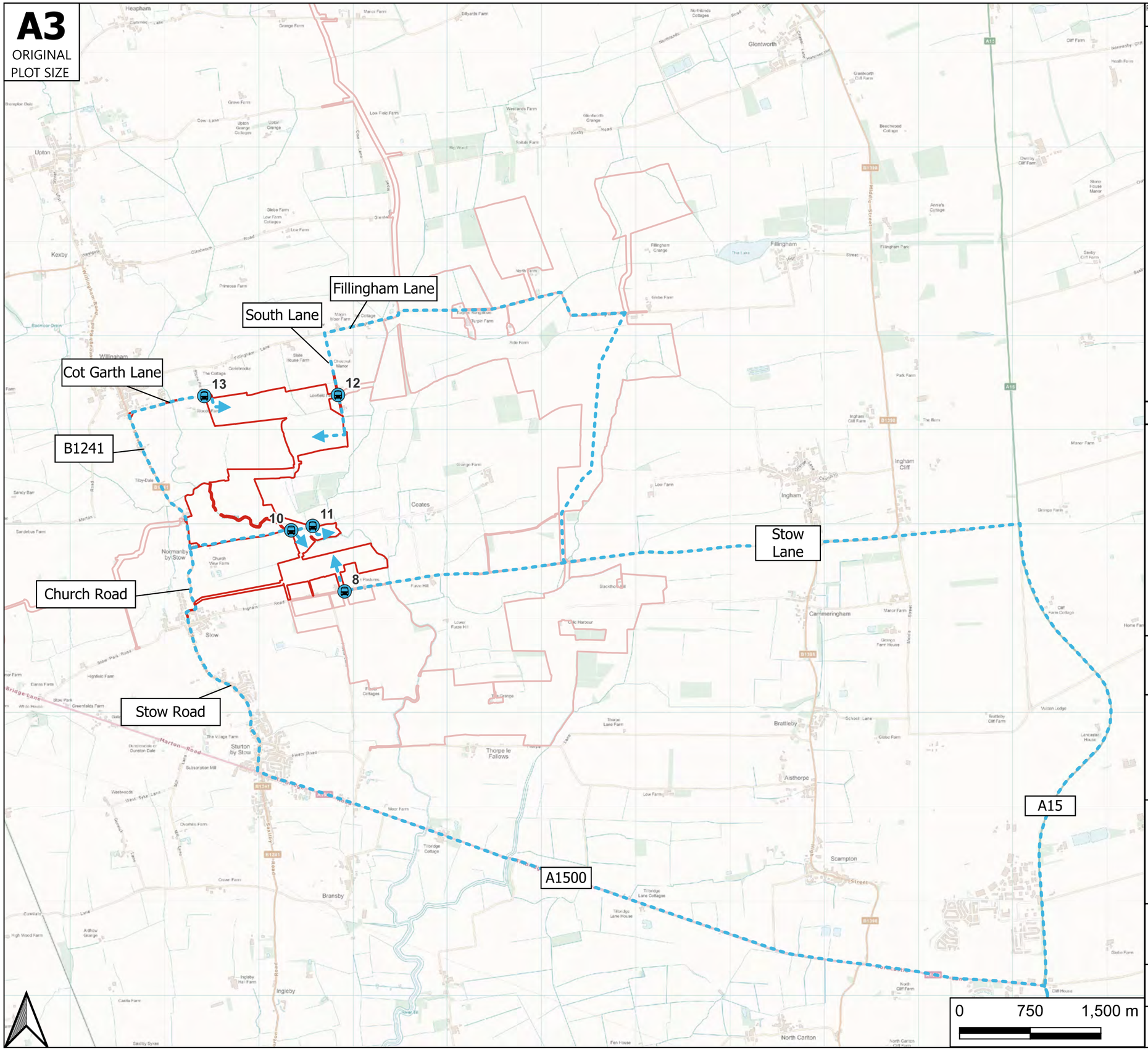
JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 5.2	-

A3
ORIGINAL
PLOT SIZE



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- Site Access Locations

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CLIENT:
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PROJECT:
Cottam Solar Project

TITLE:
Construction Vehicle Route - Cottam 1 West

STATUS:
FOR INFORMATION

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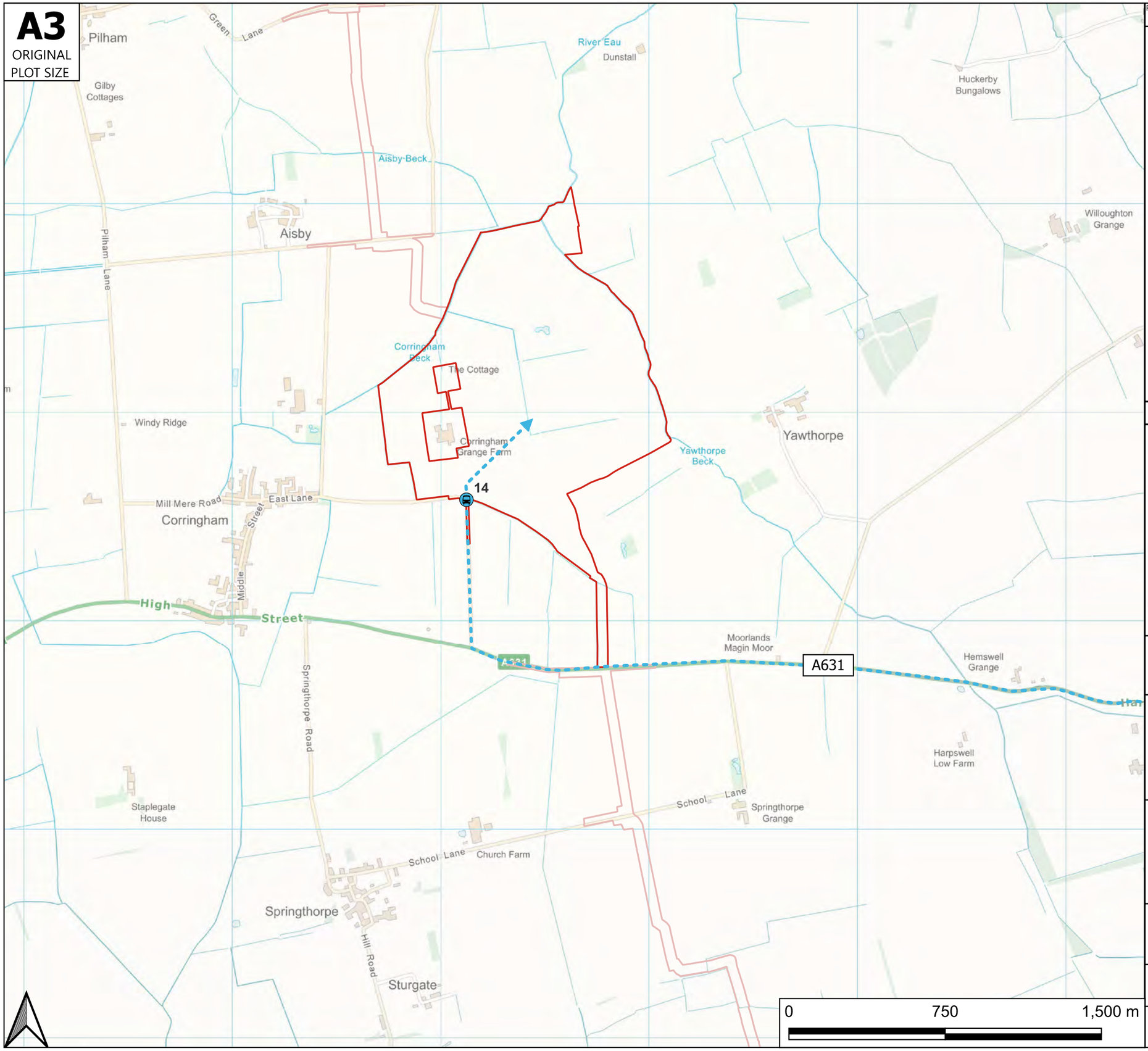
JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 5.3	-

A3
ORIGINAL
PLOT SIZE



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- Site Access Locations

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CLIENT:
Cottam Solar Projects Limited

PROJECT:
Cottam Solar Project

TITLE:
Construction Vehicle Route - Cottam 2

STATUS:
FOR INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
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JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 5.4	-

A3
ORIGINAL
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- Construction Traffic Route
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CLIENT:
Cottam Solar Projects Limited

PROJECT:
Cottam Solar Project

TITLE:
Construction Vehicle Route - Cottam 3A

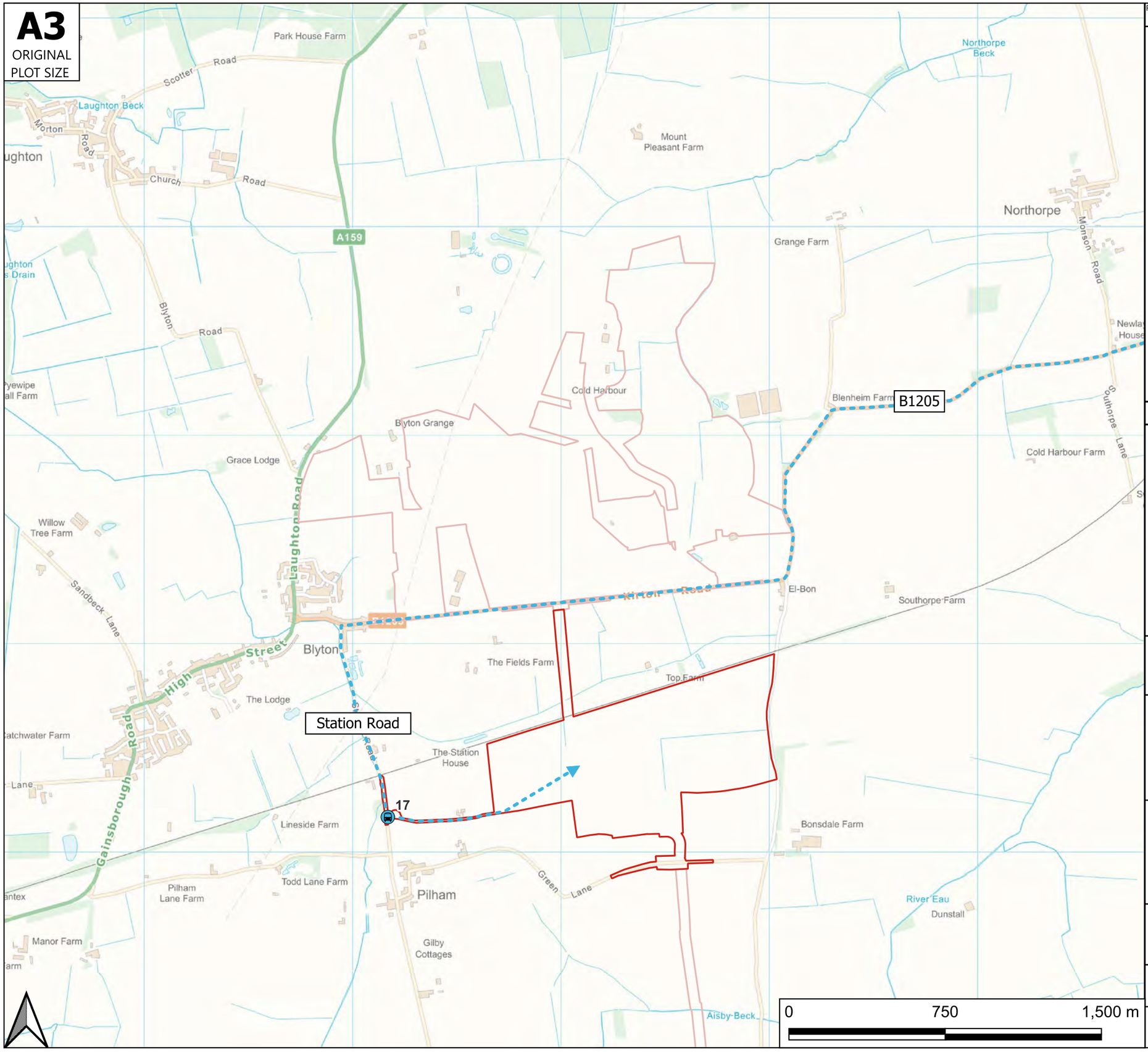
STATUS:
FOR INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
NTS	02/11/23	AC	RR	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 5.5	-

0 750 1,500 m

A3
ORIGINAL
PLOT SIZE



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CLIENT:
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PROJECT:
Cottam Solar Project

TITLE:
Construction Vehicle Route - Cottam 3B

STATUS:
FOR INFORMATION

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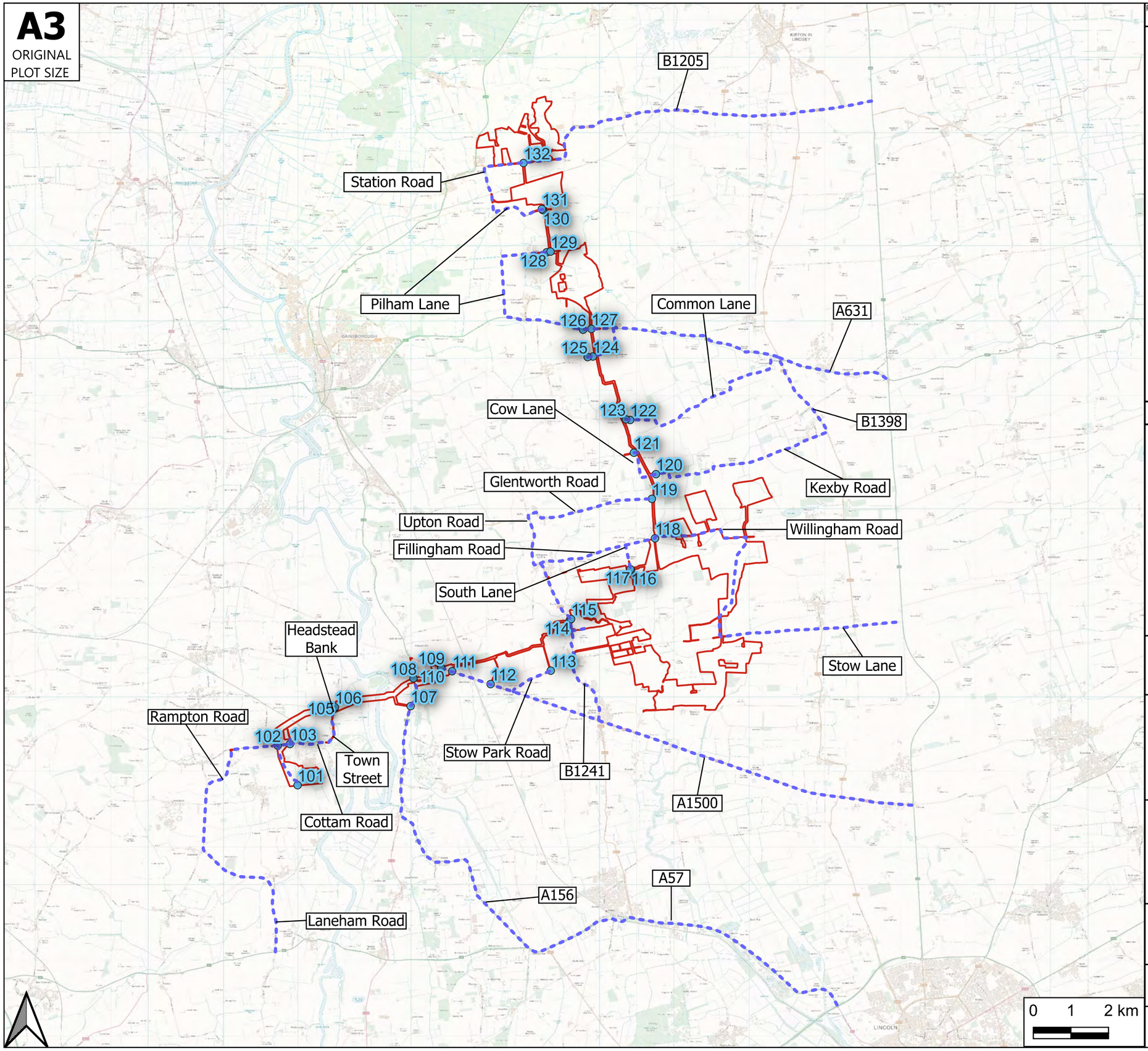
JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 5.6	-

A3
ORIGINAL
PLOT SIZE



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- Cable Route Access Locations
- Construction Traffic Route

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CLIENT:
Cottam Solar Projects Limited

PROJECT:
Cottam Solar Project

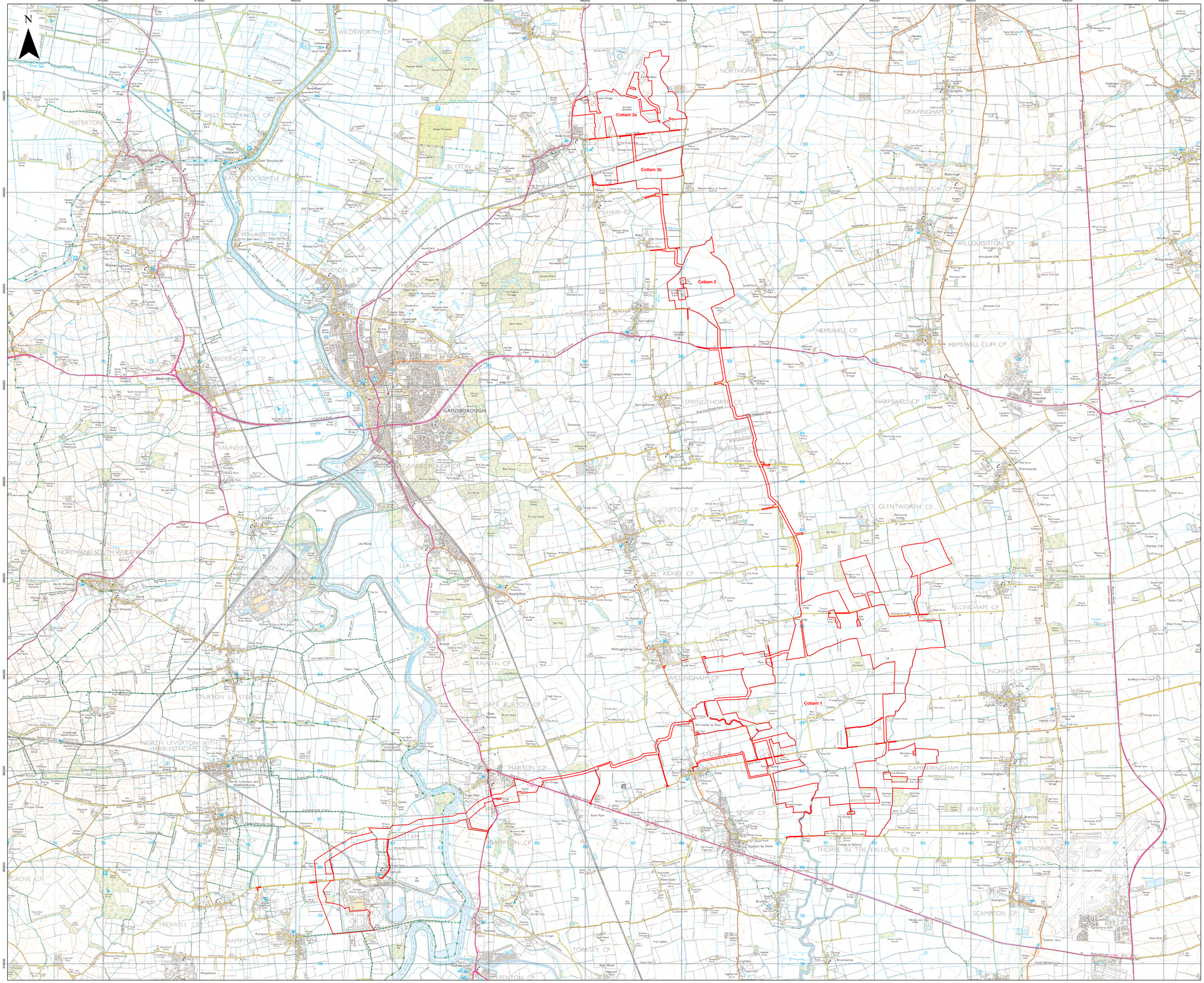
TITLE:
Construction Vehicle Route - Cable Route Corridor

STATUS:
FOR INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
NTS	02/11/23	AC	RR	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	Figure 5.7	-

APPENDIX A



APFP Regulation: 5(2)(o)	Application Doc No. C2.1
Ref: P2981_LPR_ZZ_ON_DR_Z_0088	Date: 13/12/2022
Drawn by: AZ	Checked by: ID

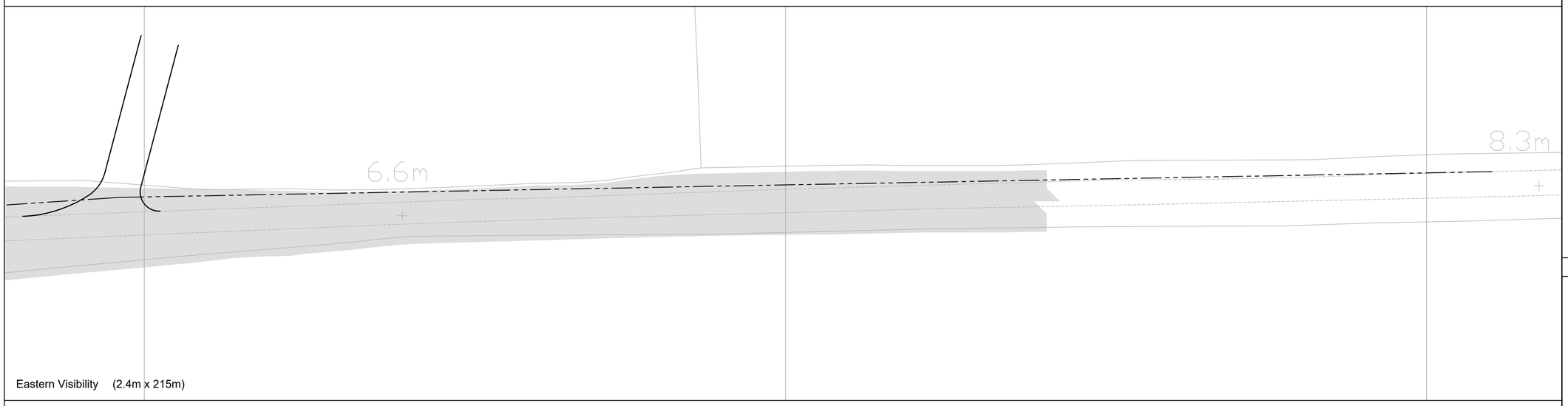
Location Plan

COTTAM SOLAR PROJECT

APPENDIX B

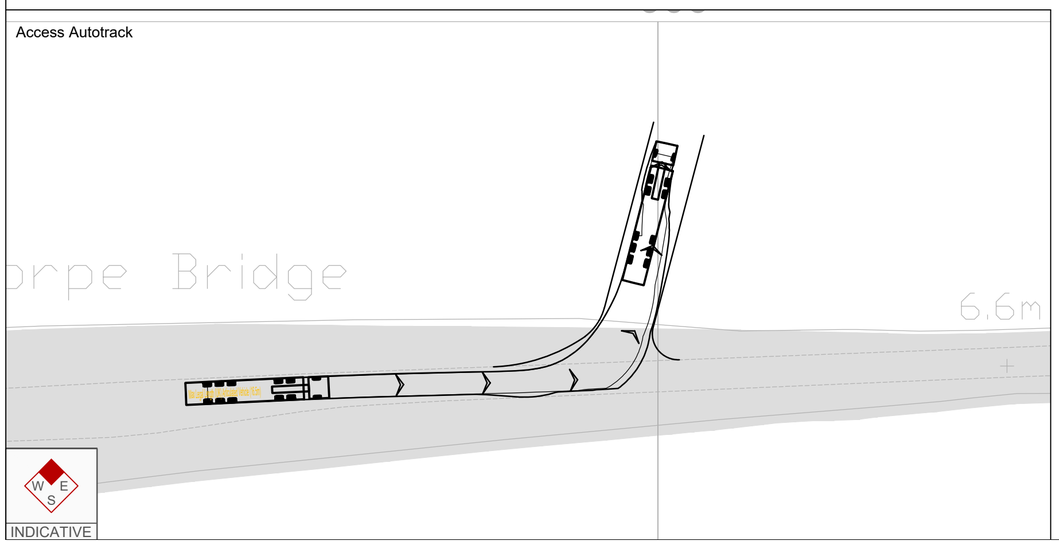
A2
ORIGINAL
PLOT SIZE

Western Visibility (2.4m x 215m)

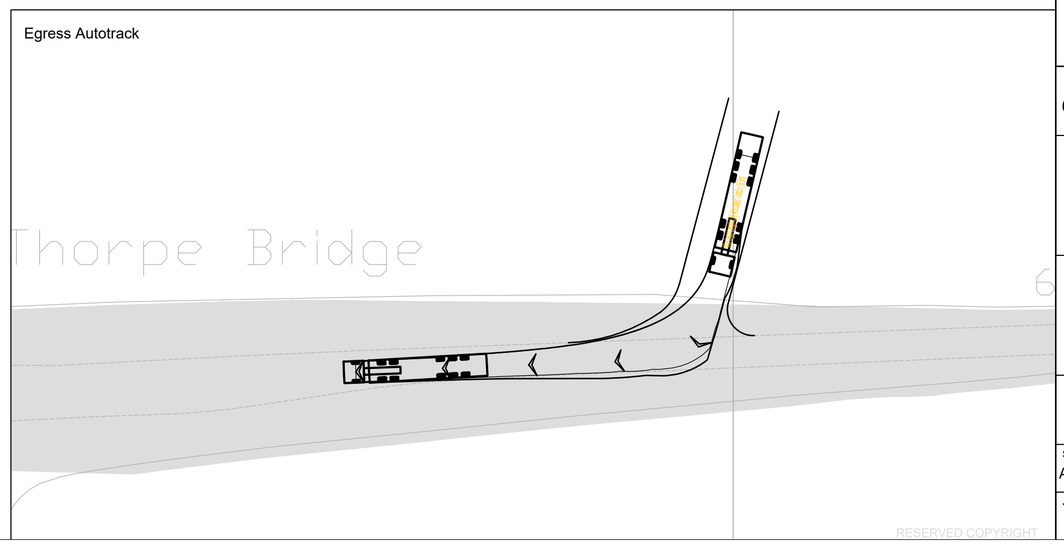


Eastern Visibility (2.4m x 215m)

Access Autotrack



Egress Autotrack



INDICATIVE

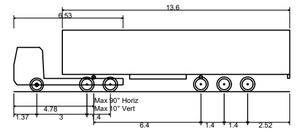
NOTES:

1. The existing posted speed limit on Thorpe Lane is National Speed Limit (60mph).

2. Visibility Splay shown in accordance with DMRB CD 109

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cottam Solar Farm
Access 1
Thorpe Lane

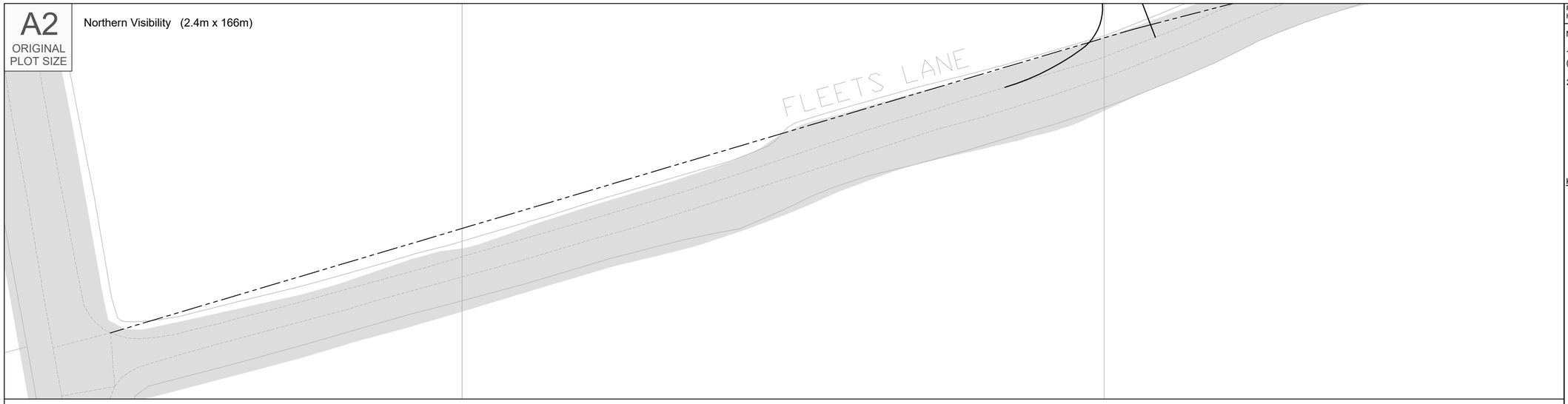
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	AJS	WG	JD

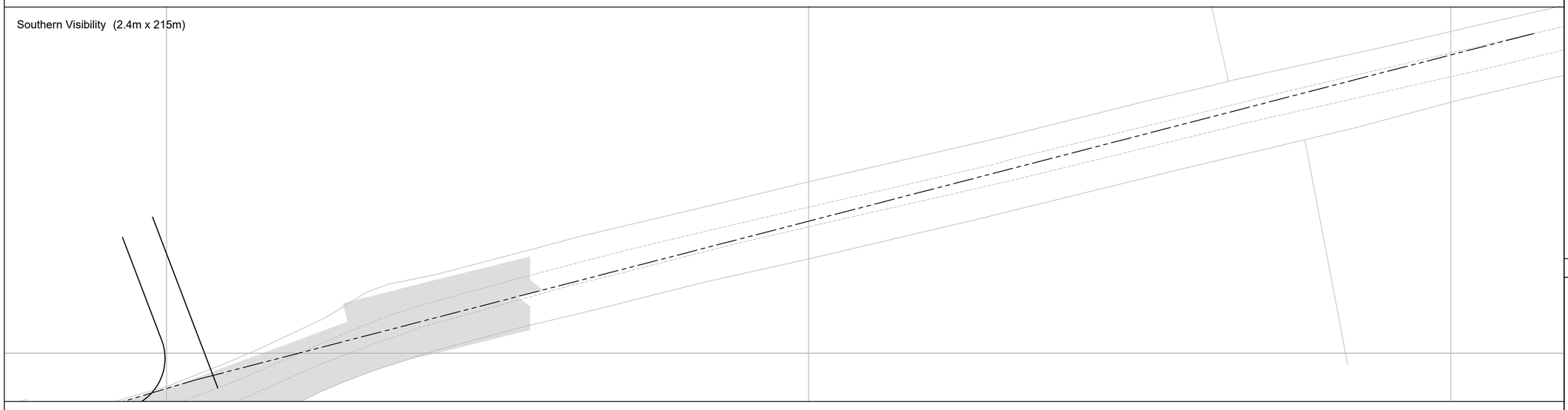
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK01	-

A2
ORIGINAL
PLOT SIZE

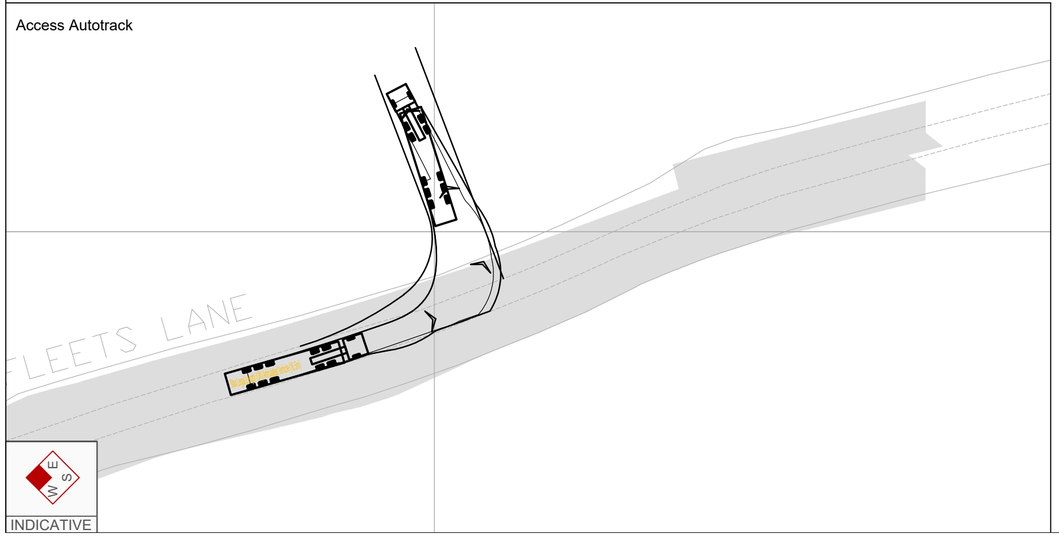
Northern Visibility (2.4m x 166m)



Southern Visibility (2.4m x 215m)

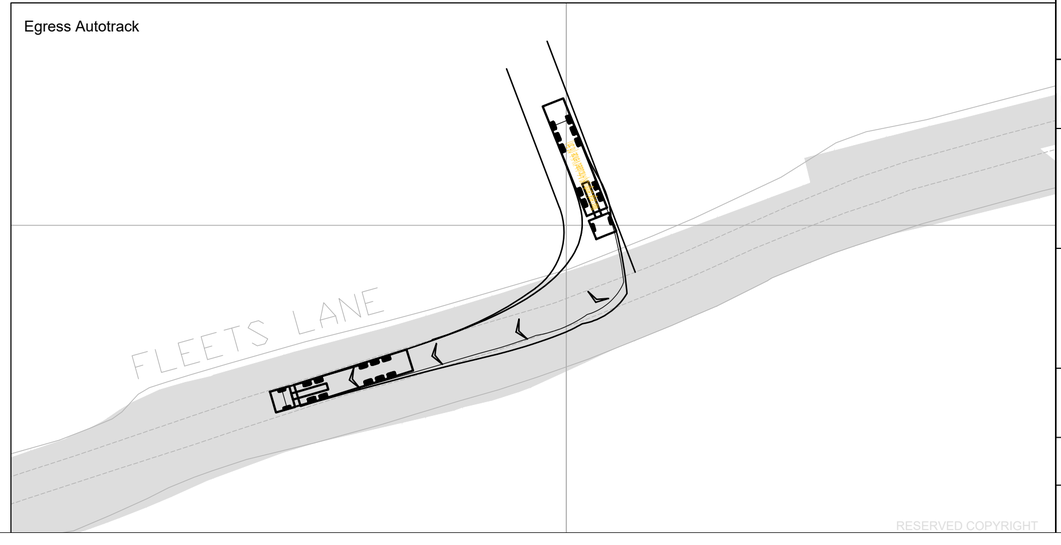


Access Autotrack



INDICATIVE

Egress Autotrack



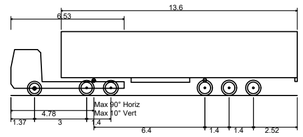
NOTES:

1. The existing posted speed limit on Fleets Lane is National Speed Limit (60mph).

2. Visibility Splay shown in accordance with DMRB CD 109

KEY

Approximate extent of adopted highway.



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Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

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Welwyn Garden City

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

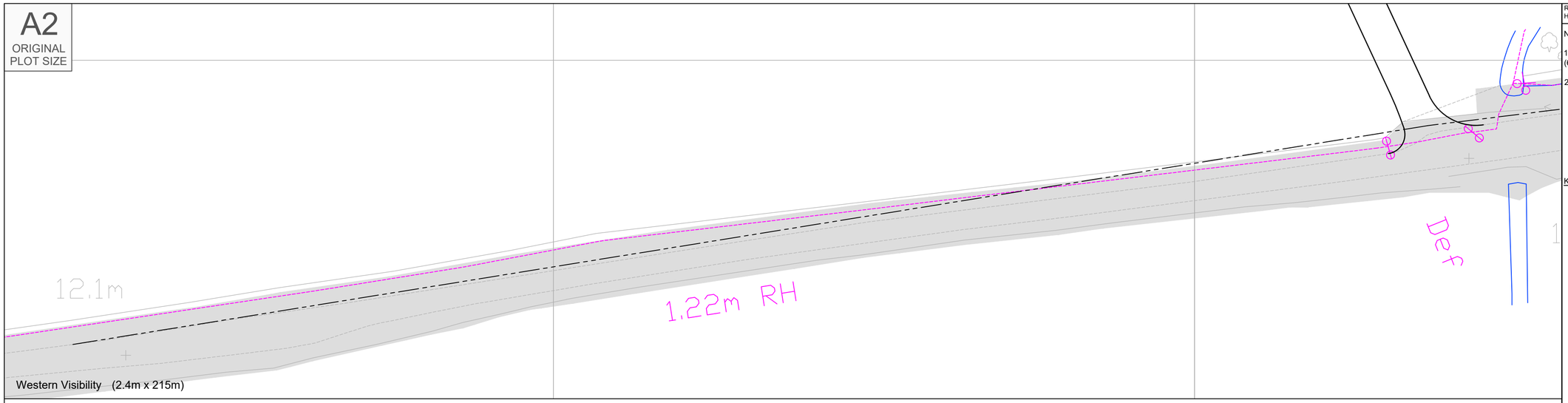
TITLE:
Cottam Solar Farm
Access 2
Fleets Lane

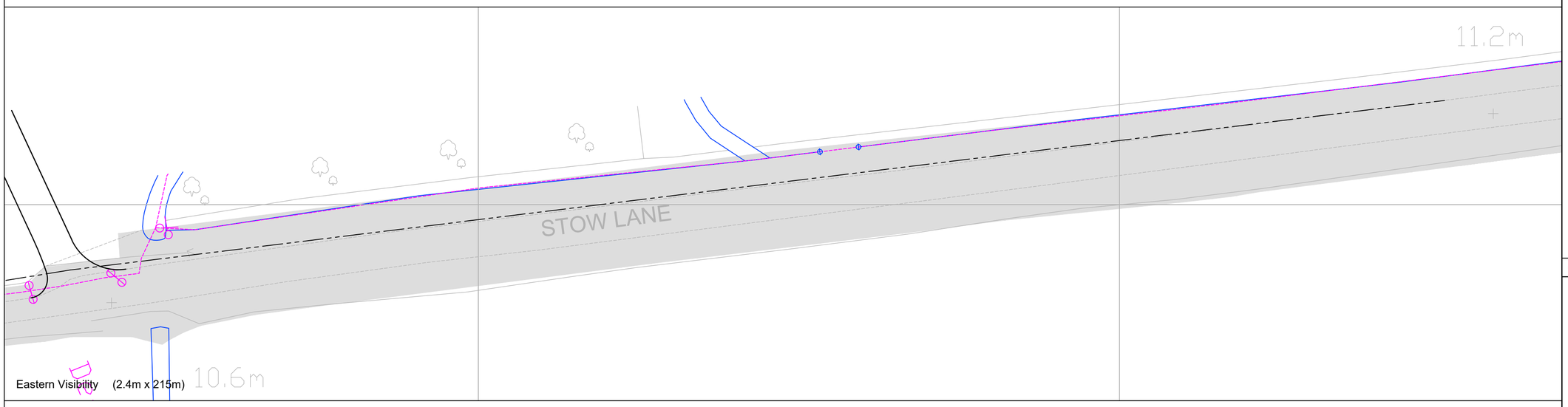
STATUS:
INFORMATION

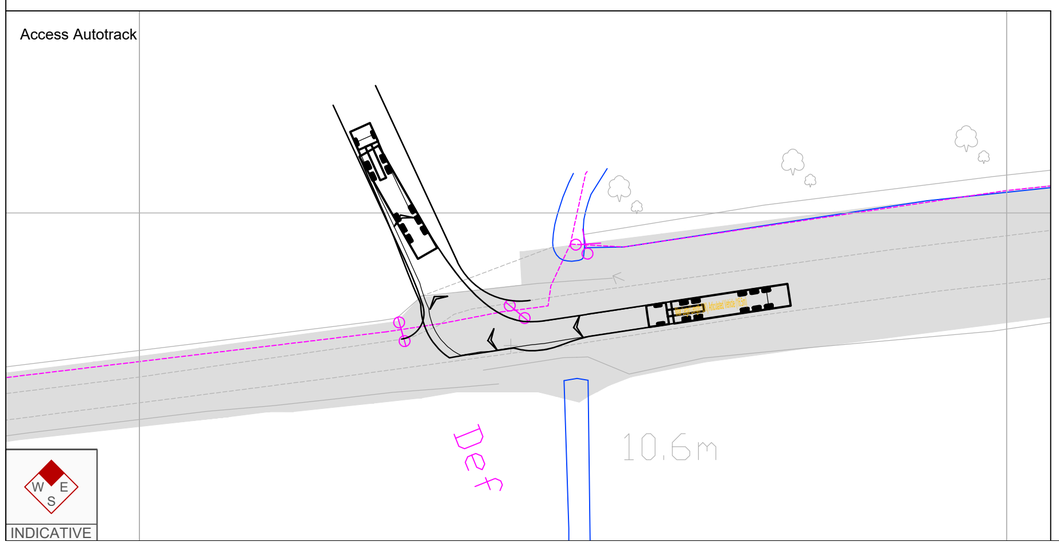
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	08.12.22	AJS	WG	JD

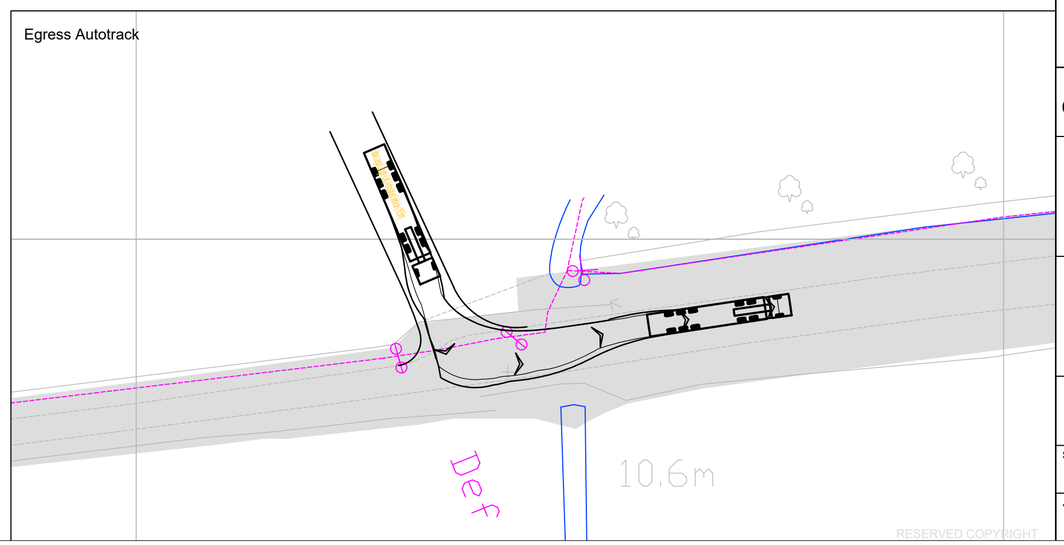
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK02	-

A2
ORIGINAL
PLOT SIZE









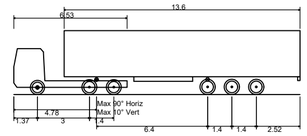
NOTES:

1. The existing posted speed limit on Stow Lane is National Speed Limit (60mph).

2. Visibility Splay shown in accordance with DMRB CD 109

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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tpa Transport Planning Associates

25 King Street
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www.tpa.uk.com

CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

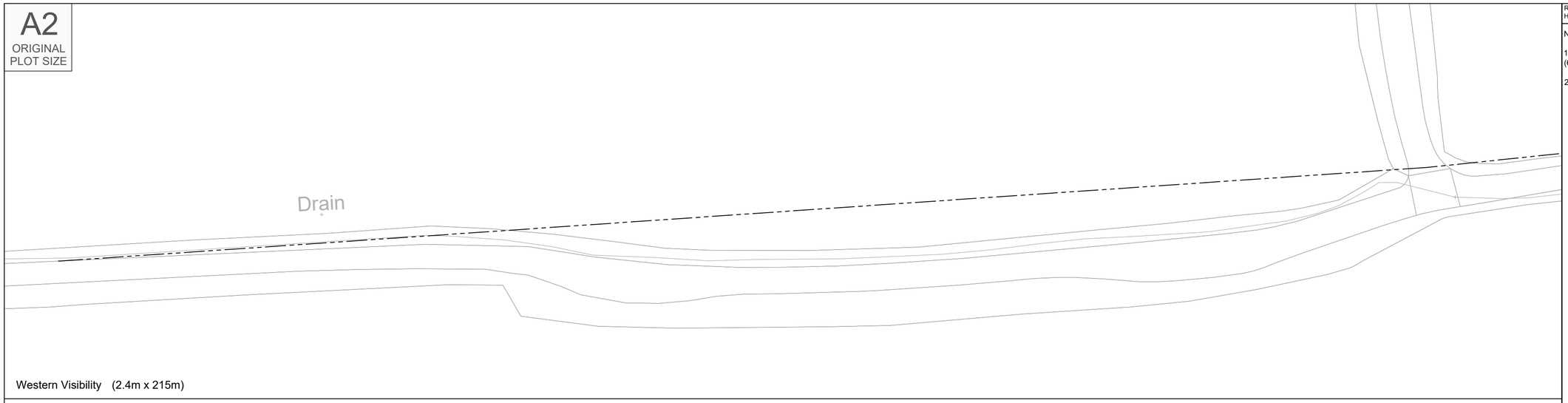
TITLE:
Cottam Solar Farm
Access 3
Stow Lane

STATUS:
INFORMATION

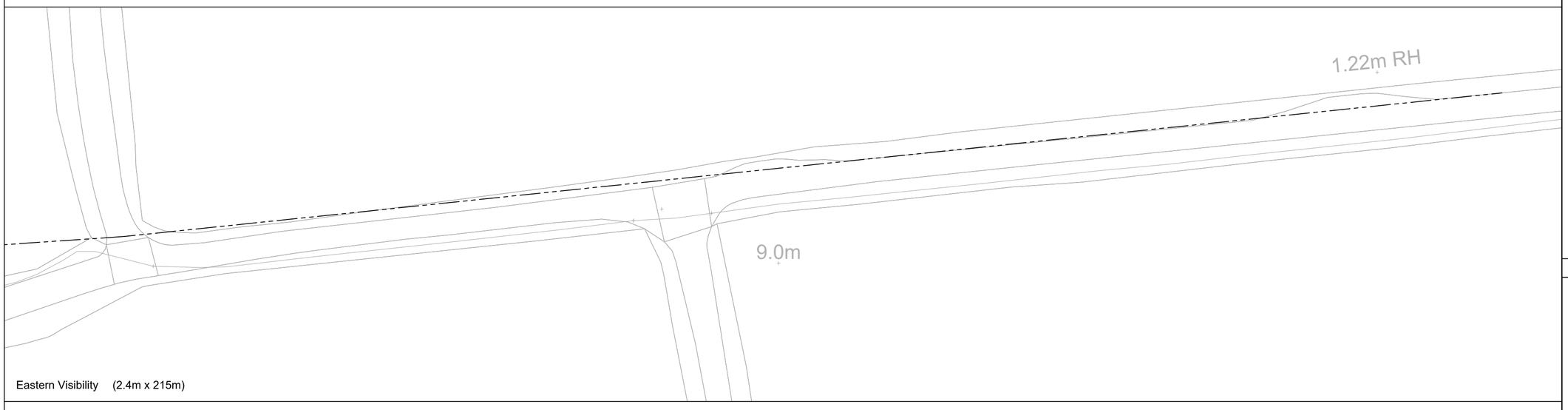
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	08.12.22	AJS	WG	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK03	-

A2
ORIGINAL
PLOT SIZE

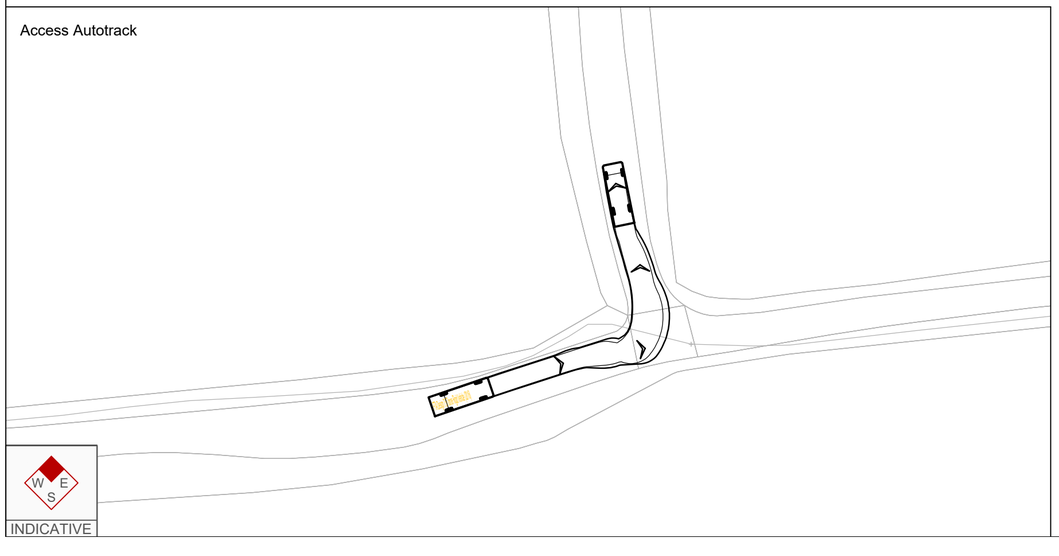


Western Visibility (2.4m x 215m)



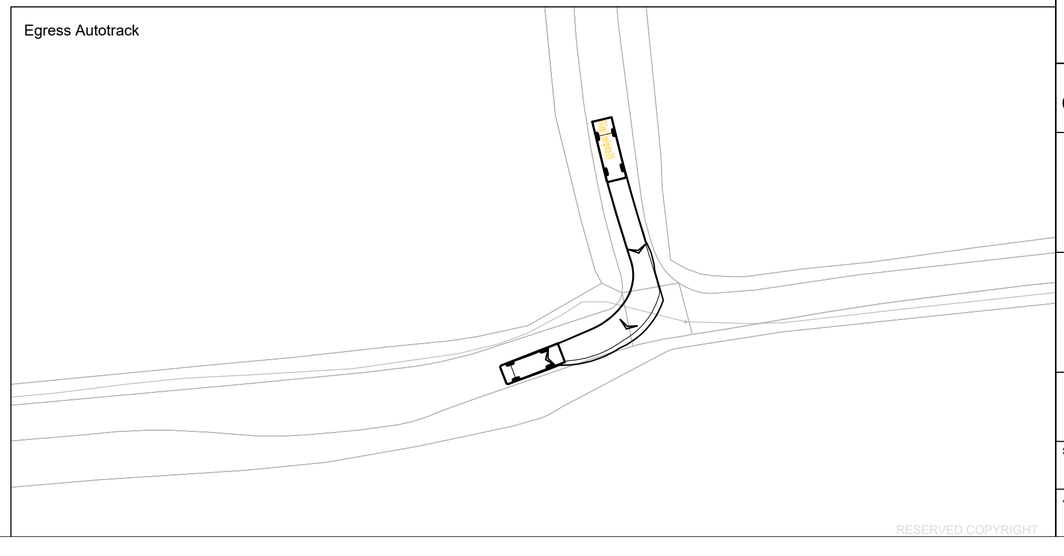
Eastern Visibility (2.4m x 215m)

Access Autotrack



INDICATIVE

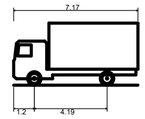
Egress Autotrack



NOTES:

1. The existing posted speed limit on Stow Lane is National Speed Limit (60mph).

2. Visibility Splay shown in accordance with DMRB CD 109



FTA Design 7.5 Tonne Rigid Vehicle (2016)	
Overall Length	7.170m
Overall Width	2.300m
Overall Body Height	3.580m
Min Body Ground Clearance	0.375m
Track Width	2.120m
Lock to lock time	3.00s
Kerb to Kerb Turning Radius	7.000m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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Transport Planning Associates

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

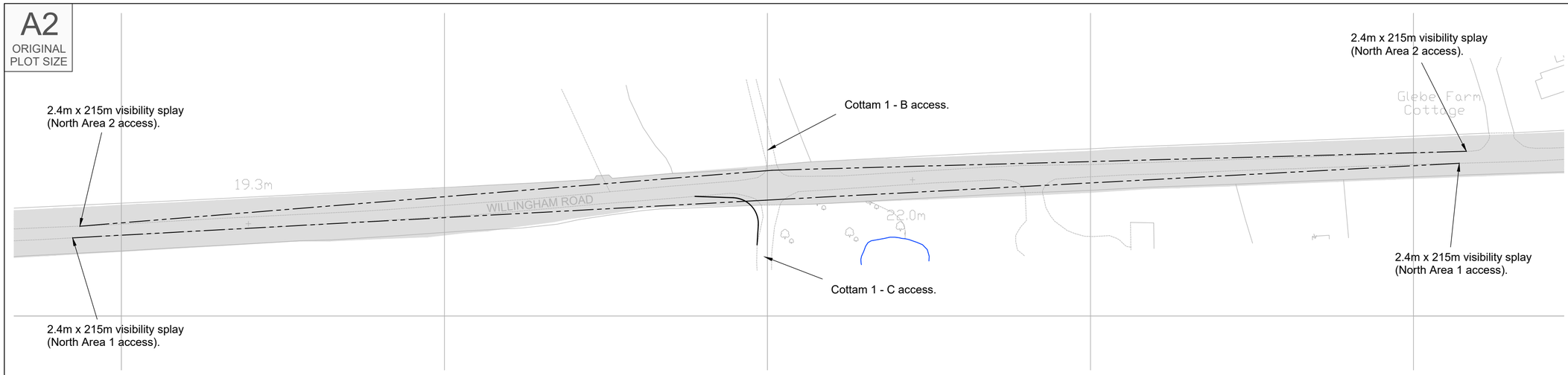
TITLE:
Cottam Solar Farm
Access 4 - Operational
Stow Lane

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	08.12.22	SG	RR	JD

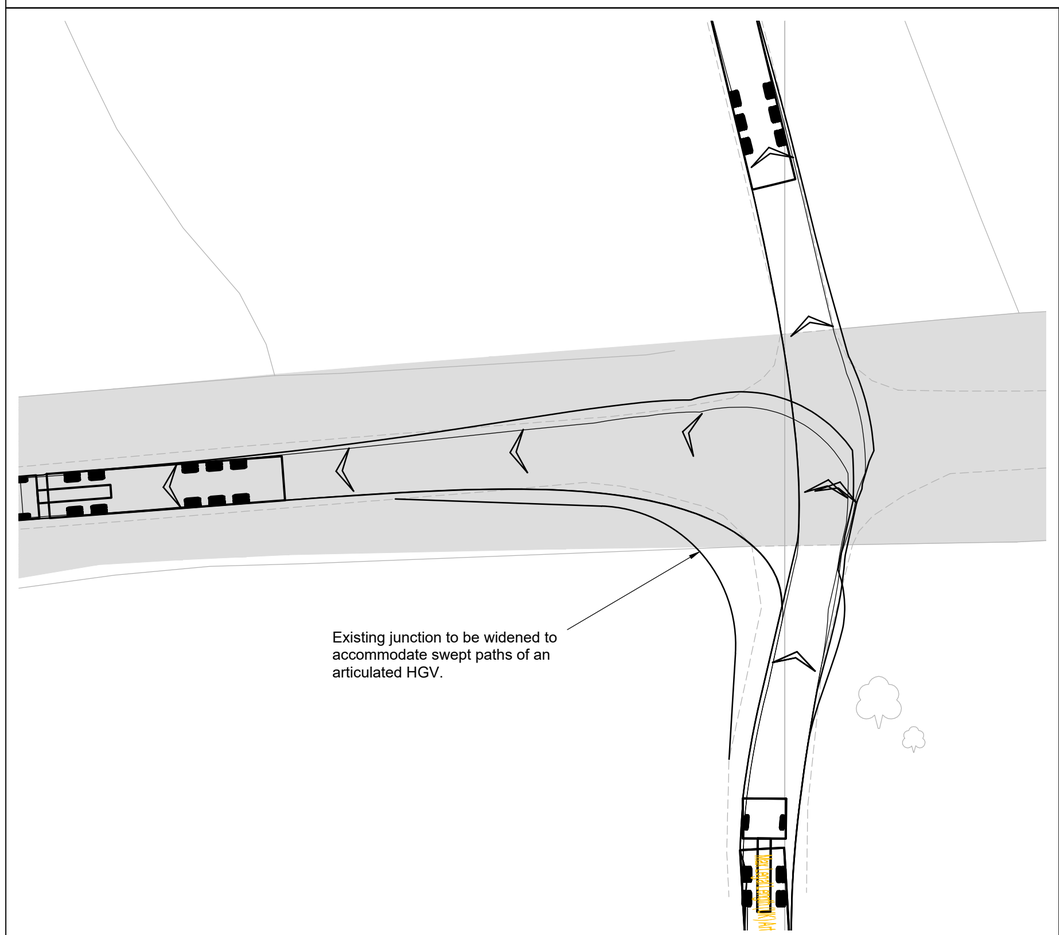
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK04	-

A2
ORIGINAL
PLOT SIZE



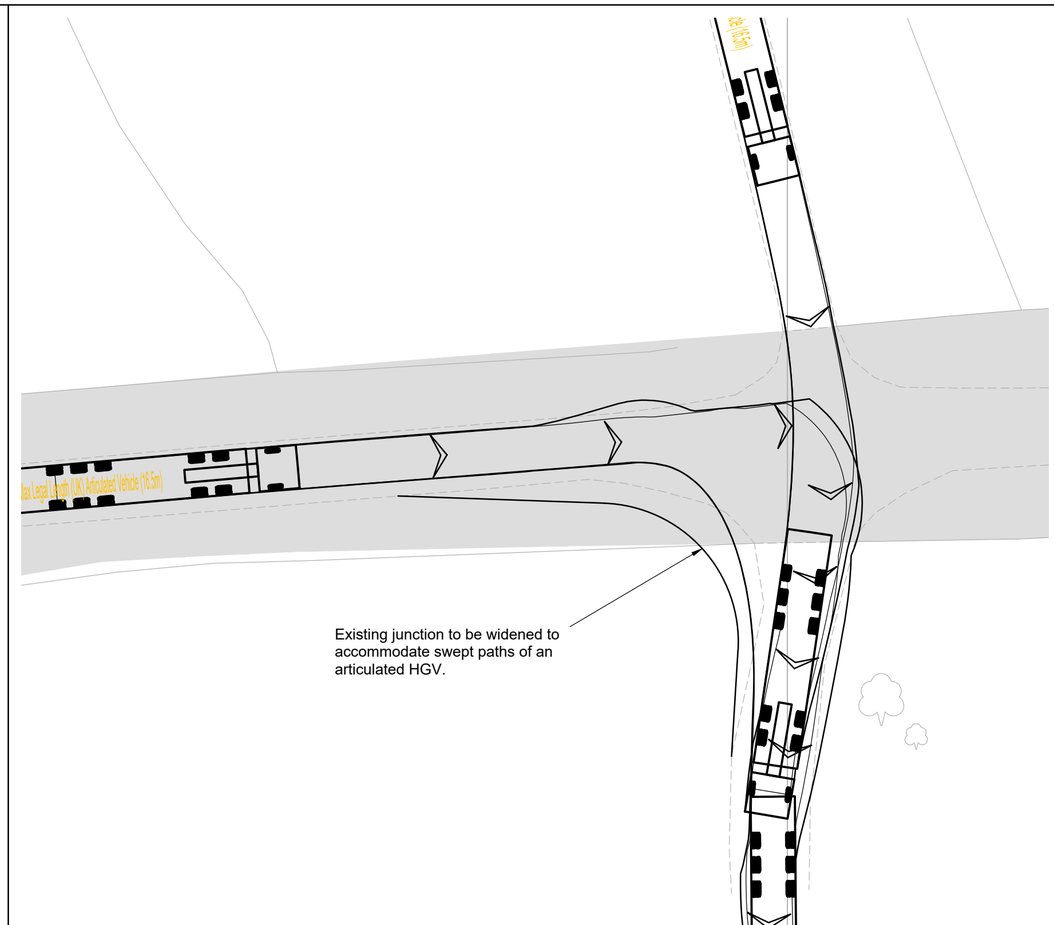
Site Access Arrangement

Scale 1:1000



Swept Paths Of 16.5m Articulated Vehicle Arriving

Scale 1:250



Swept Paths Of 16.5m Articulated Vehicle Departing

Scale 1:250

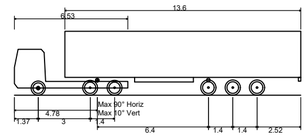
INDICATIVE

NOTES:

1. The existing posted speed limit on Willingham Road is National Speed Limit (60mph).

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

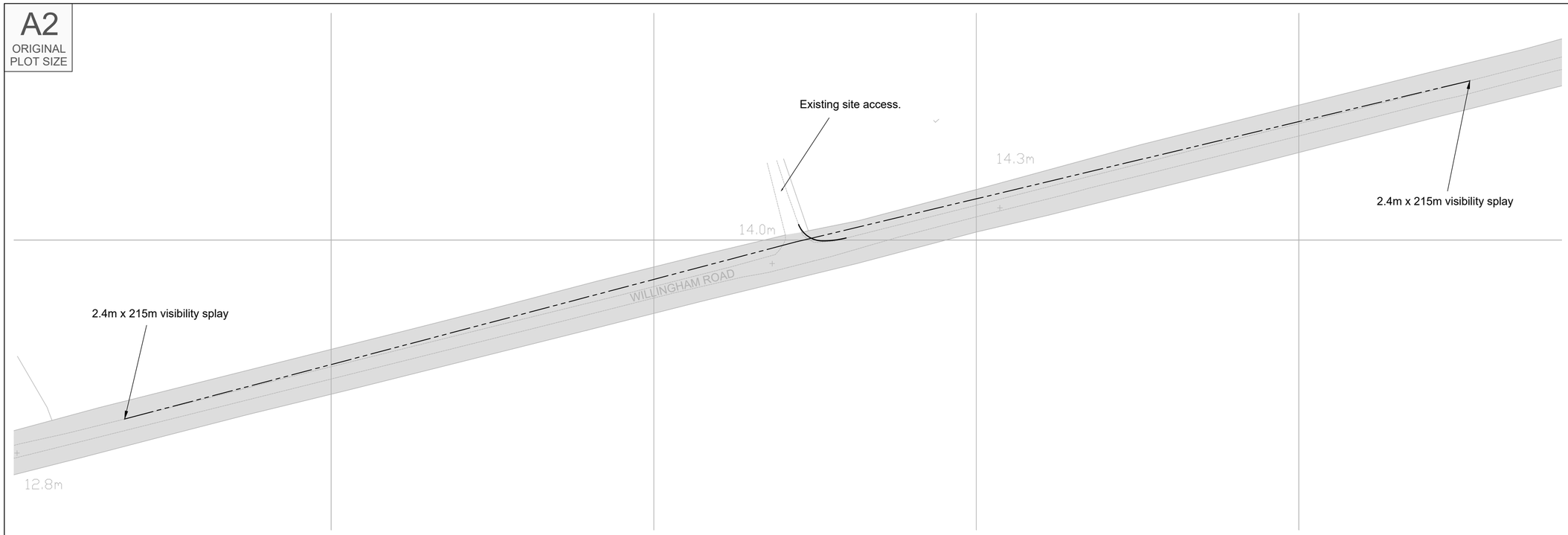
TITLE:
Cottam Solar Farm
Access 5
Willingham Road

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	PSW	WG	JD

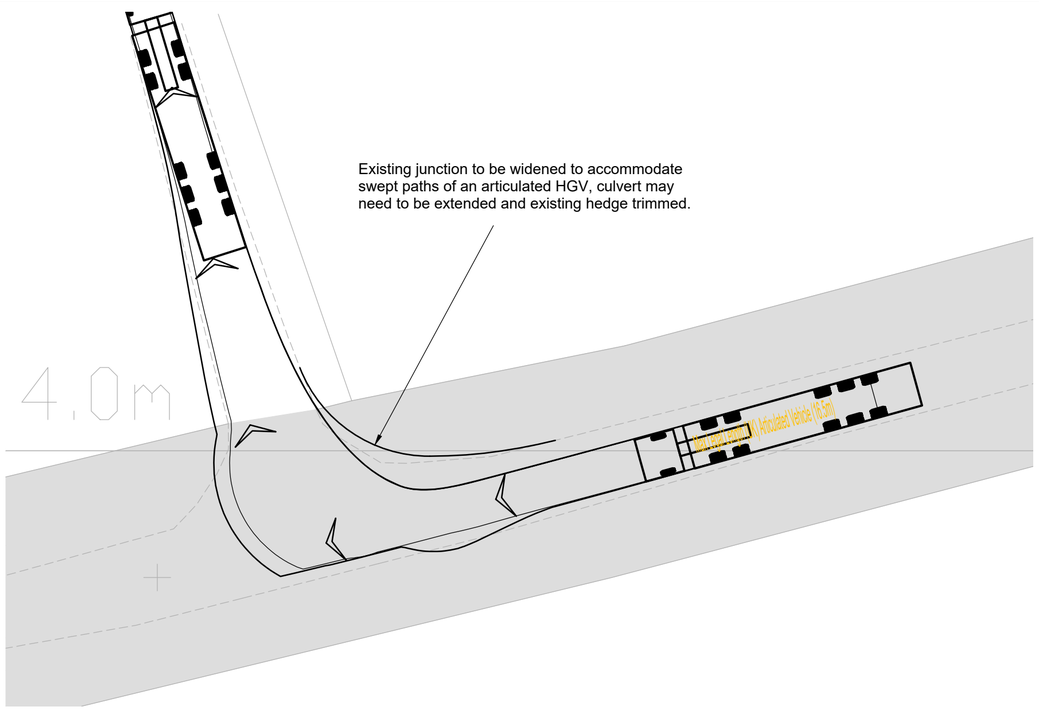
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK05	-

A2
ORIGINAL
PLOT SIZE



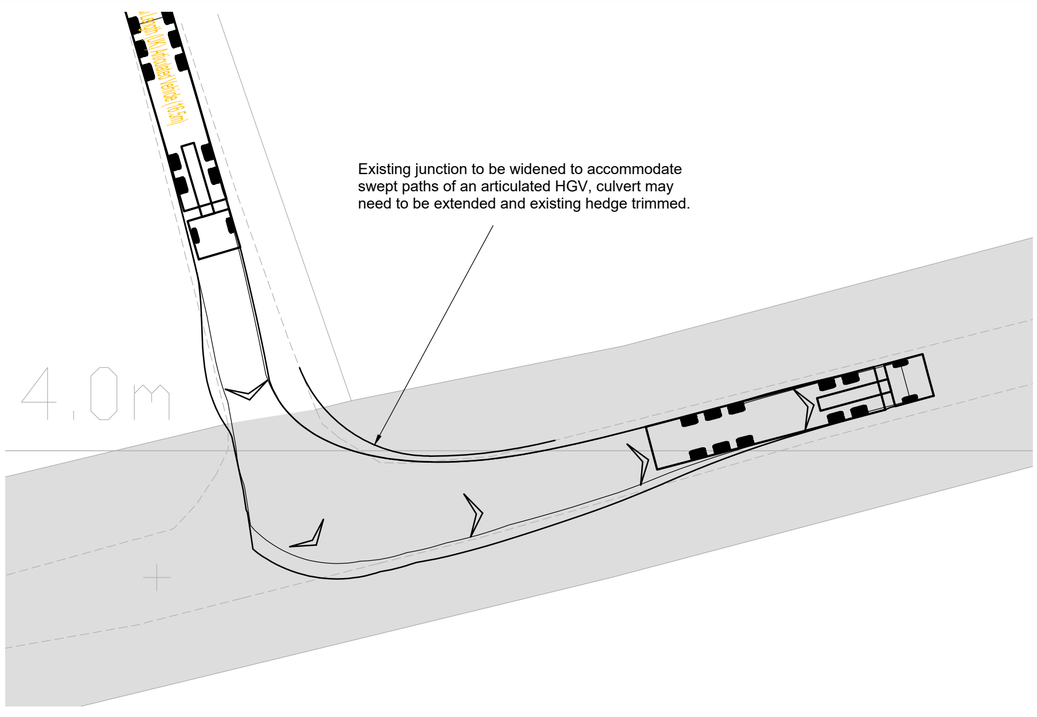
Site Access Arrangement

Scale 1:1000



16.5m Articulated Vehicle Turning Right Into Access

Scale 1:250



16.5m Articulated Vehicle Turning Left Out Of Access

Scale 1:250

W E S

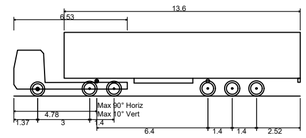
INDICATIVE

NOTES:

1. The existing posted speed limit on Willingham Road is National Speed Limit (60mph).

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

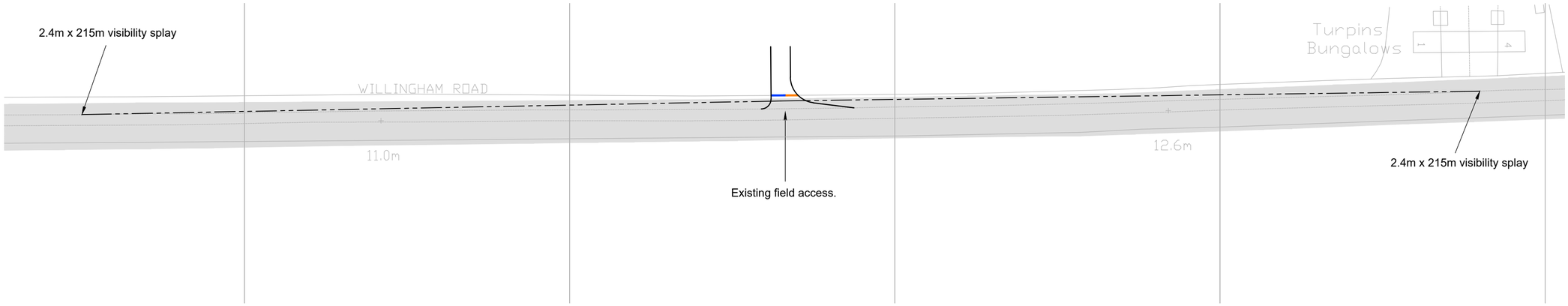
TITLE:
Cottam Solar Farm
Access 6
Willingham Road

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	PSW	WG	JD

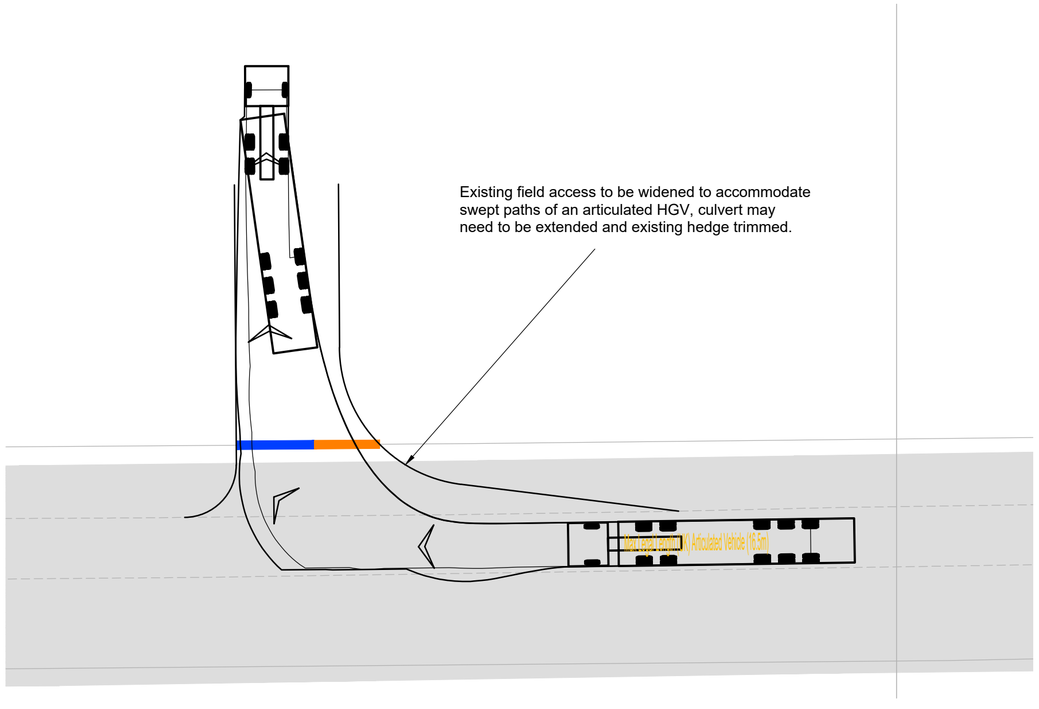
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK06	-

A2
ORIGINAL
PLOT SIZE



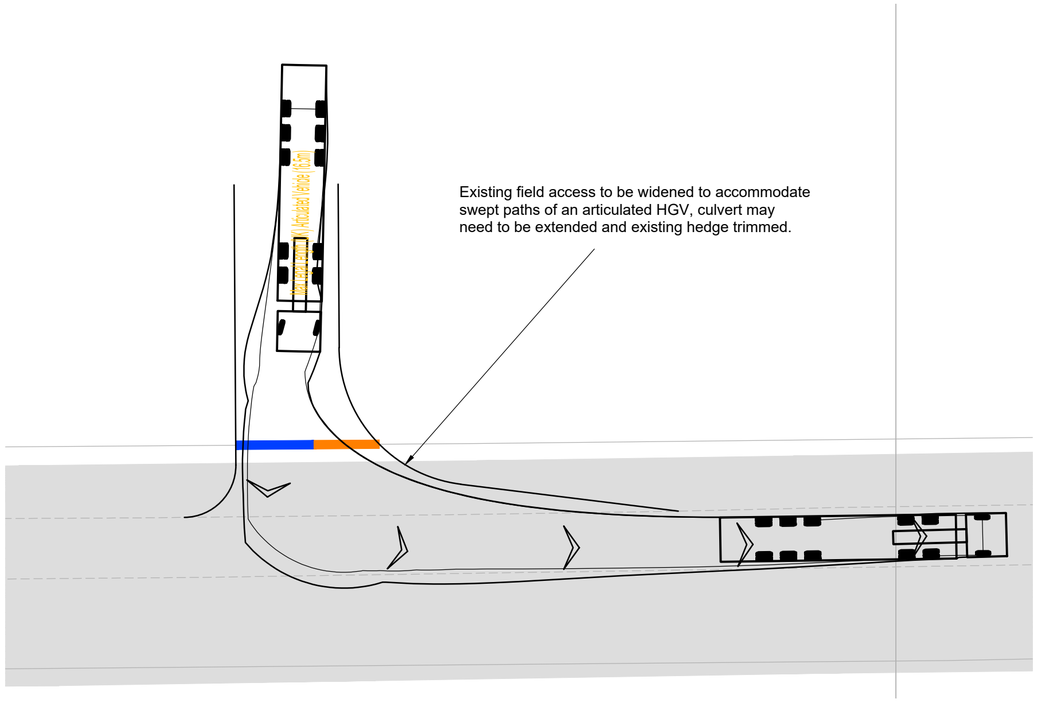
Site Access Arrangement

Scale 1:1000



16.5m Articulated Vehicle Turning Right Into Access

Scale 1:250



16.5m Articulated Vehicle Turning Left Out Of Access

Scale 1:250

W E S

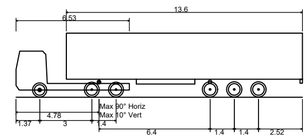
INDICATIVE

NOTES:

1. The existing posted speed limit on Willingham Road is National Speed Limit (60mph).

KEY

- Existing field access.
- Proposed access widening.
- Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

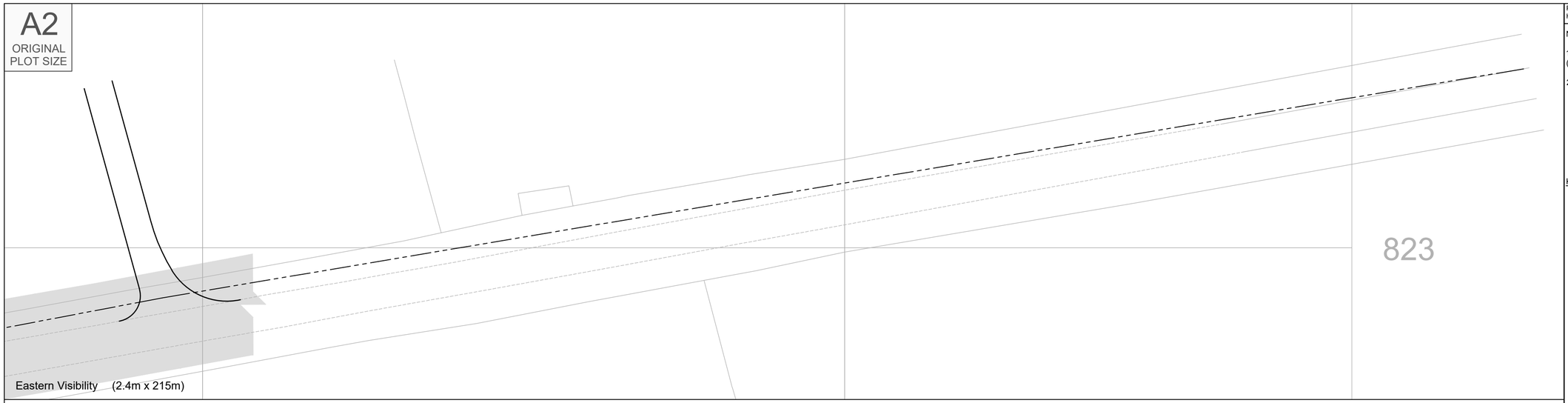
TITLE:
Cottam Solar Farm
Access 7
Willingham Road

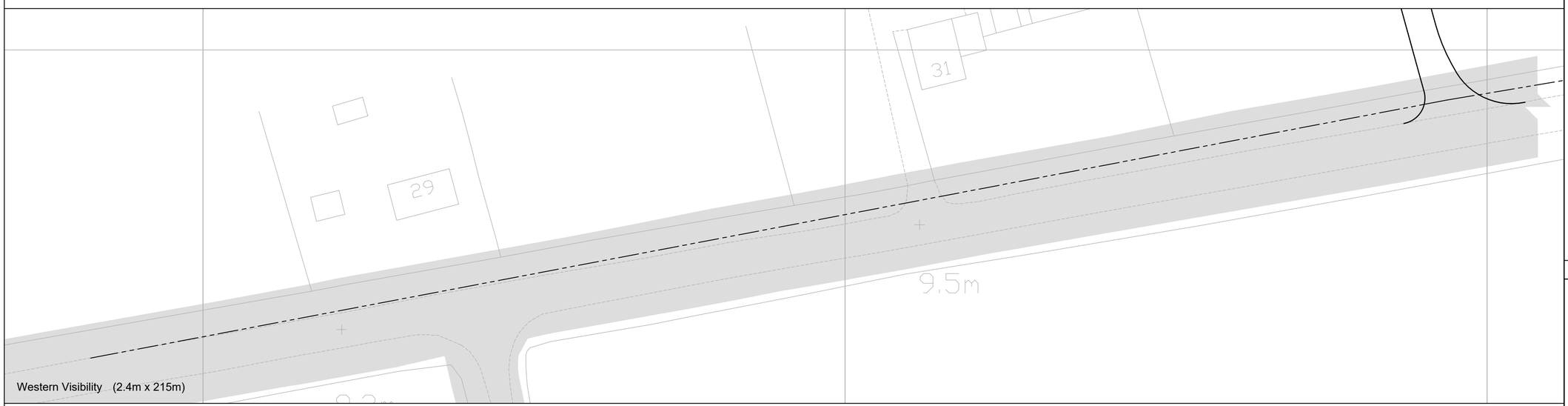
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	PSW	WG	JD

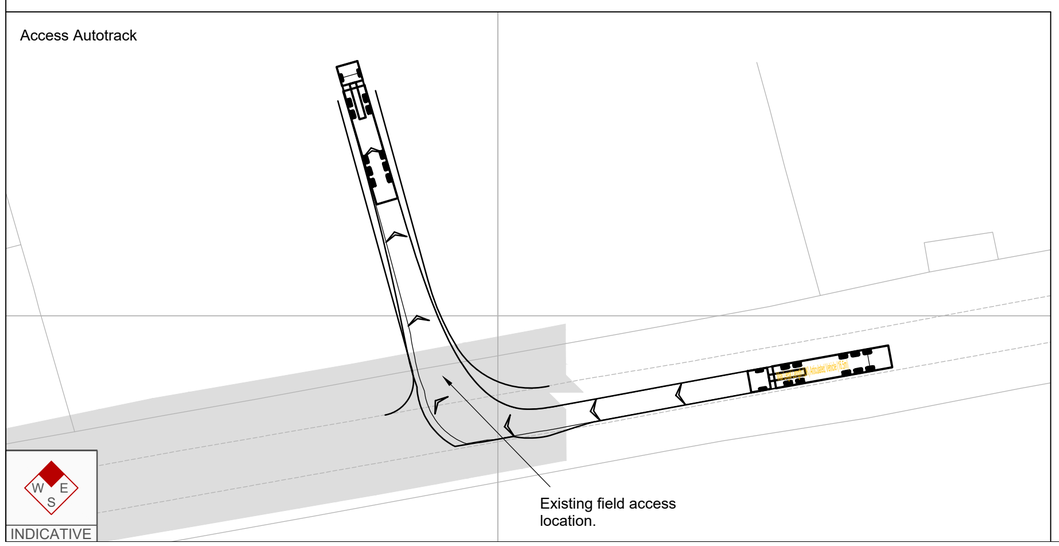
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK07	-

A2
ORIGINAL
PLOT SIZE

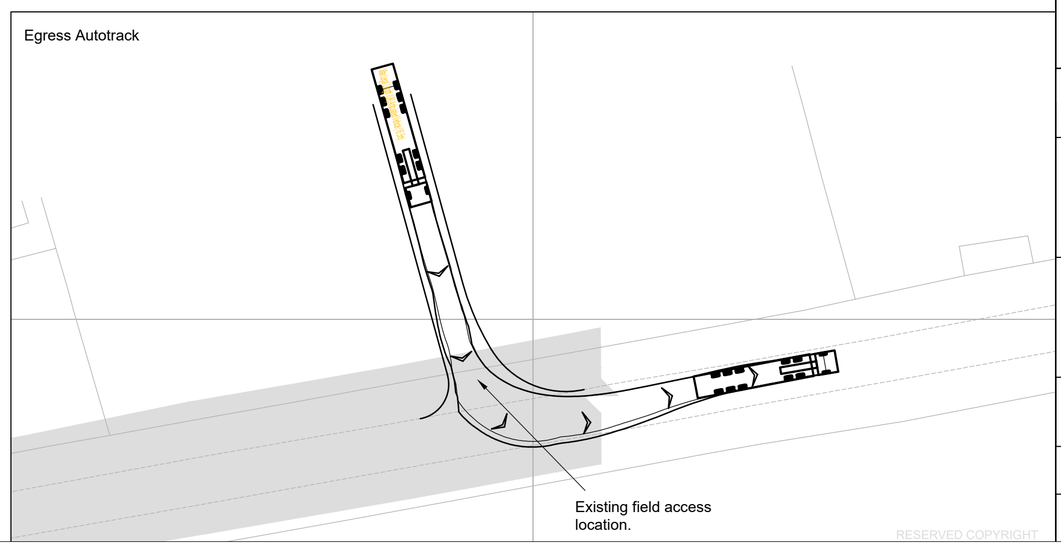




Access Autotrack



Egress Autotrack



INDICATIVE

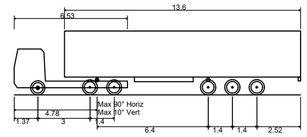
NOTES:

1. The existing posted speed limit on Ingham Road is National Speed Limit (60mph).

2. Visibility splays shown in accordance with DMRB CD 109.

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

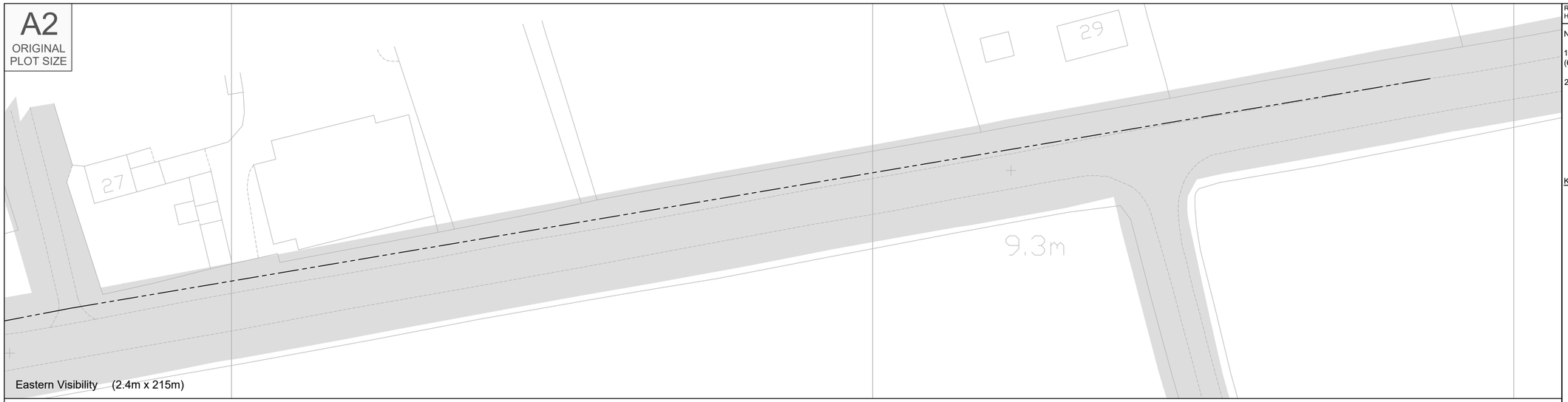
TITLE:
Cottam Solar Farm
Access 8
Ingham Road

STATUS:
INFORMATION

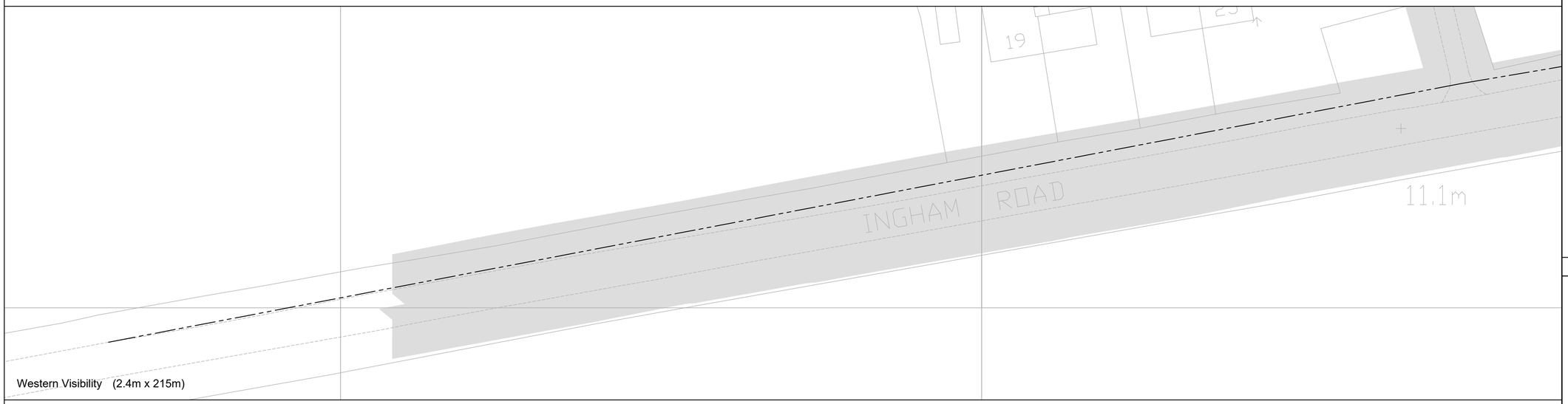
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	01.10.21	AJS	WG	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK08	-

A2
ORIGINAL
PLOT SIZE

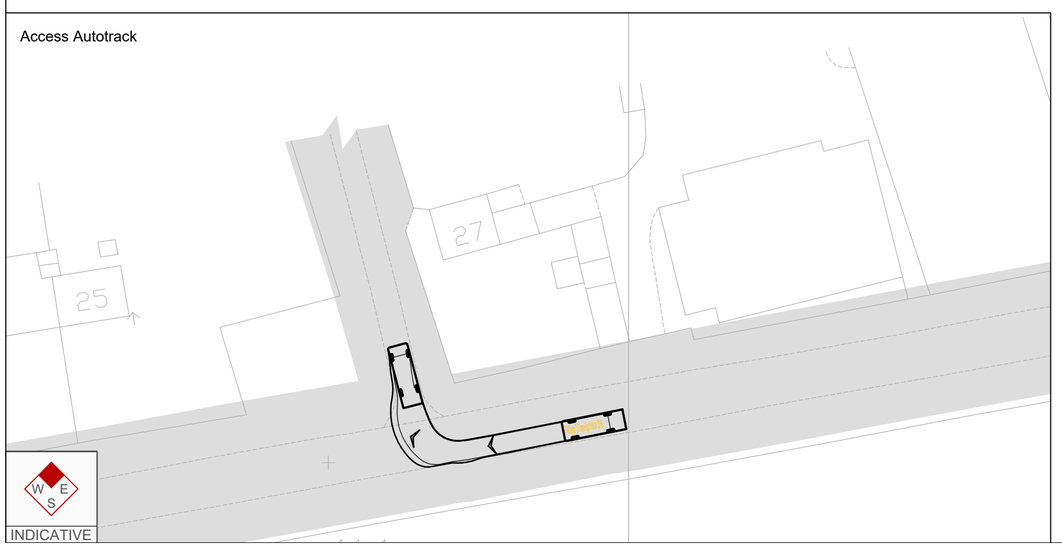


Eastern Visibility (2.4m x 215m)



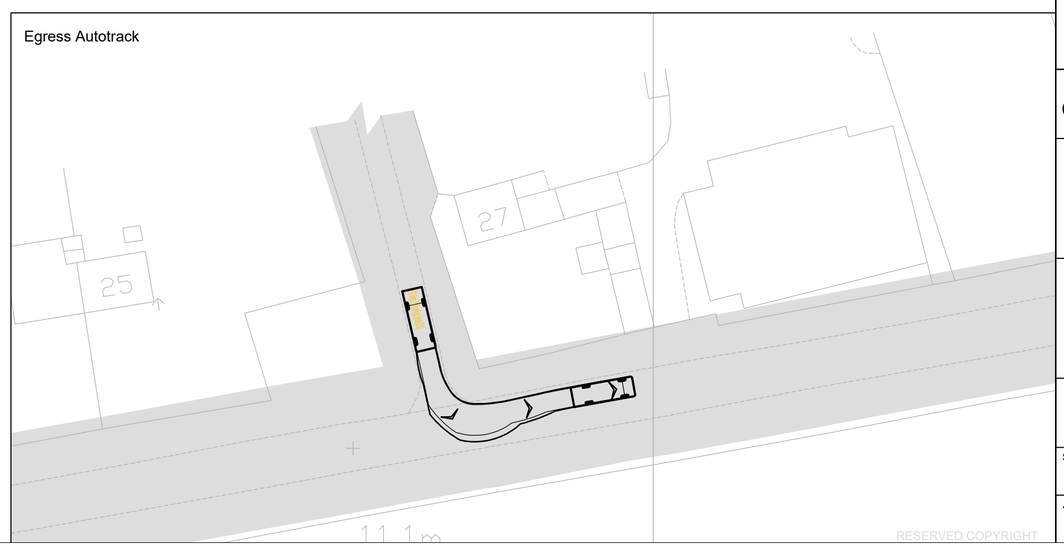
Western Visibility (2.4m x 215m)

Access Autotrack



INDICATIVE

Egress Autotrack



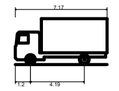
NOTES:

1. The existing posted speed limit on Ingham Road is National Speed Limit (60mph).

2. Visibility splays shown in accordance with DMRB CD 109.

KEY

Approximate extent of adopted highway.



FTA Design 7.5 Tonne Rigid Vehicle (2016)

Overall Length	7.170m
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Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

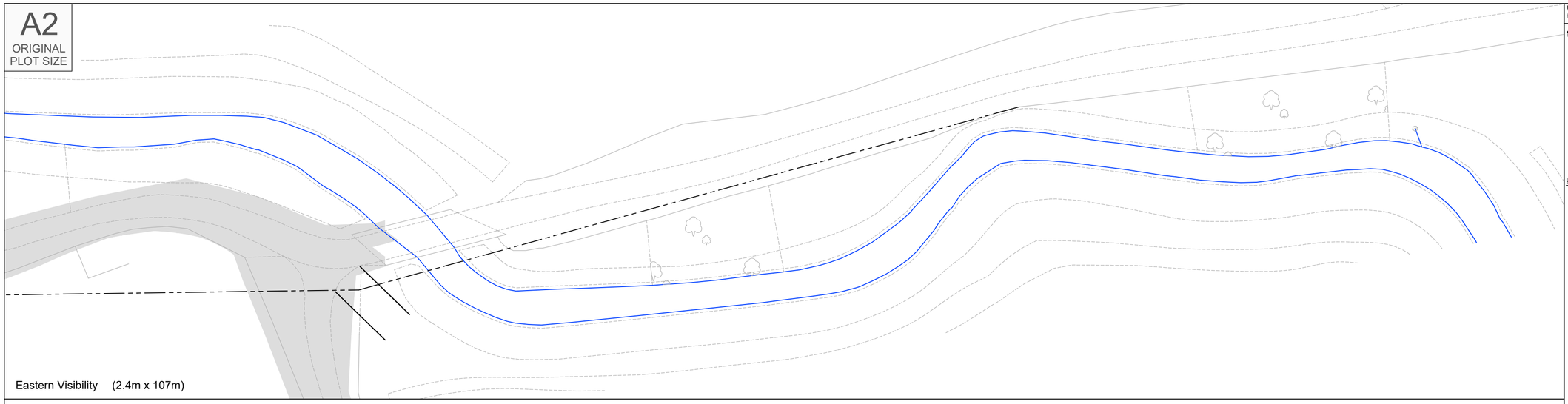
TITLE:
Cottam Solar Farm
Access 9 - Operational
Ingham Road

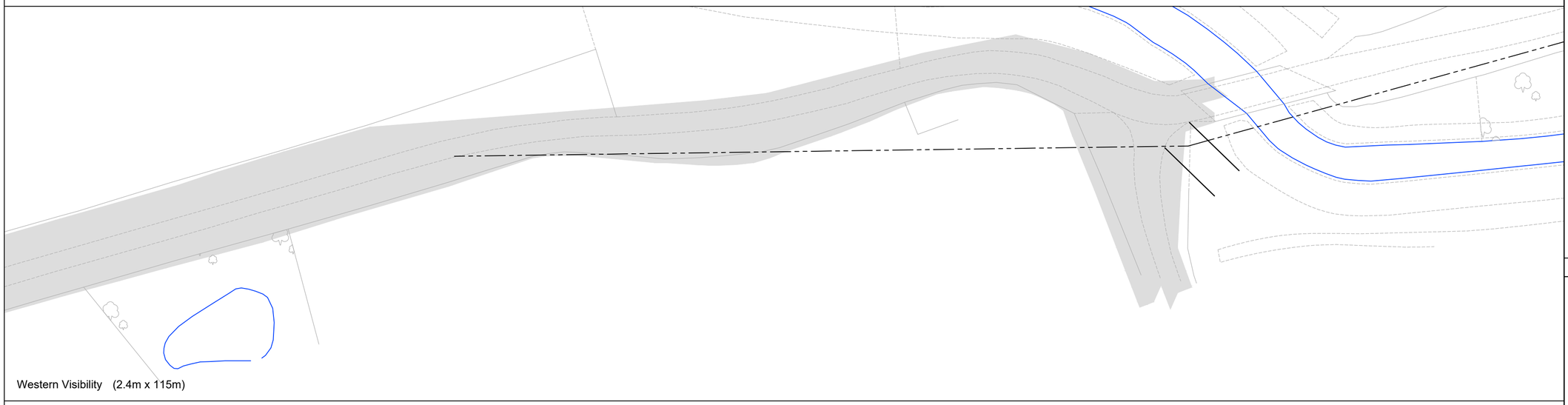
STATUS:
INFORMATION

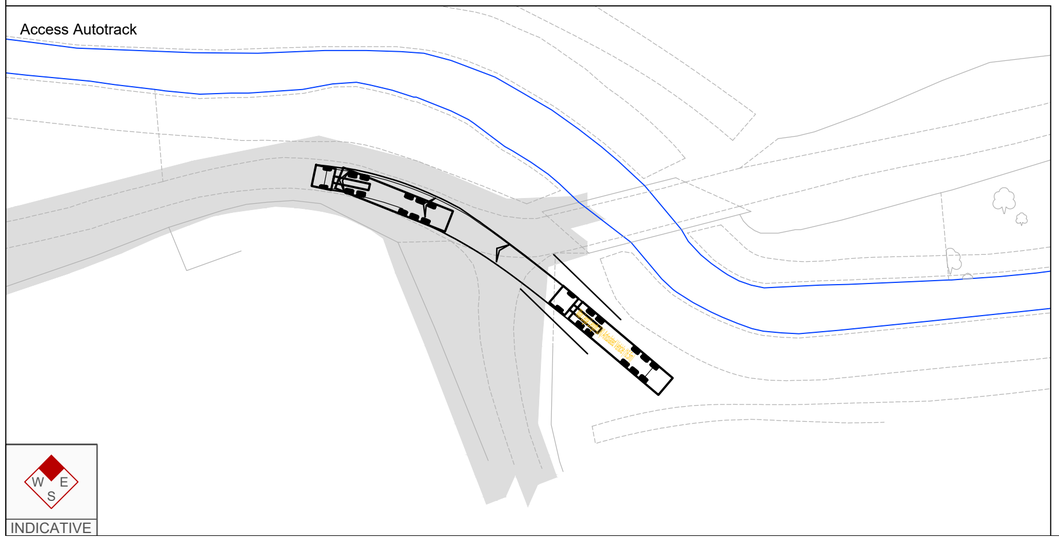
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	08.12.22	SG	RR	JD

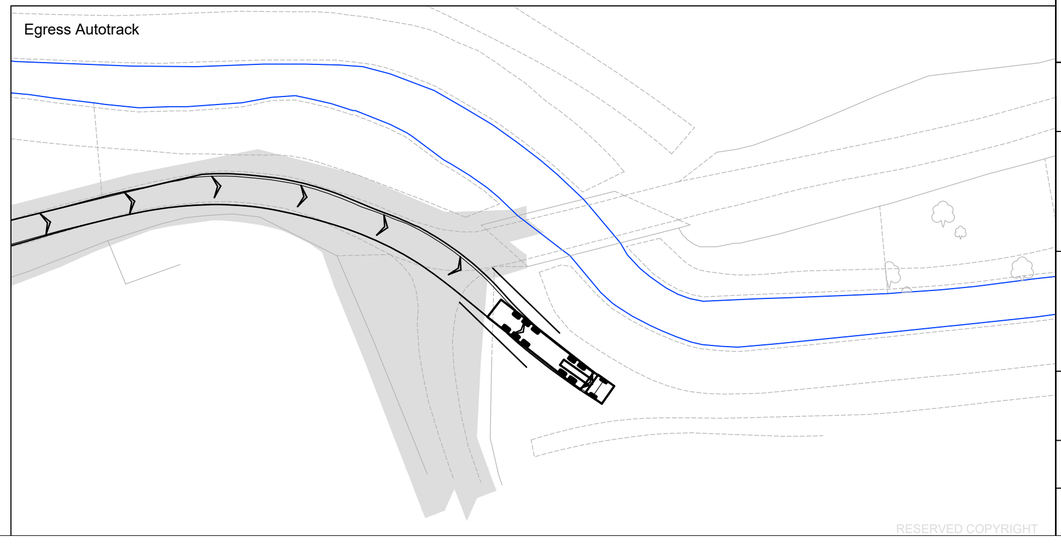
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK09	-

A2
ORIGINAL
PLOT SIZE









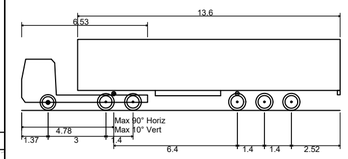
W E S

INDICATIVE

NOTES:

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
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Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

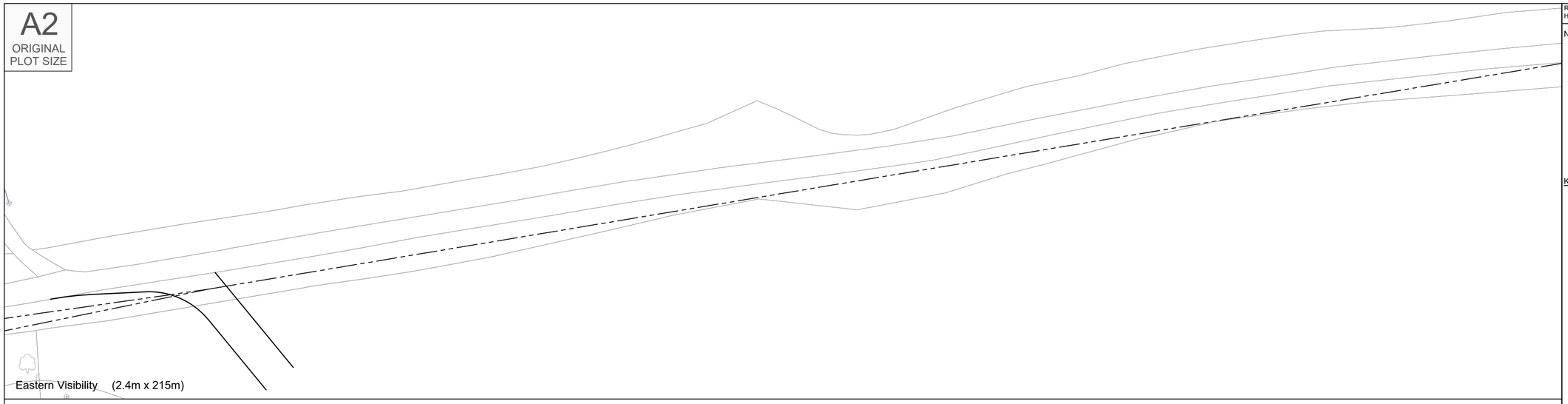
TITLE:
Cottam Solar Farm
Access 10
Coates Lane

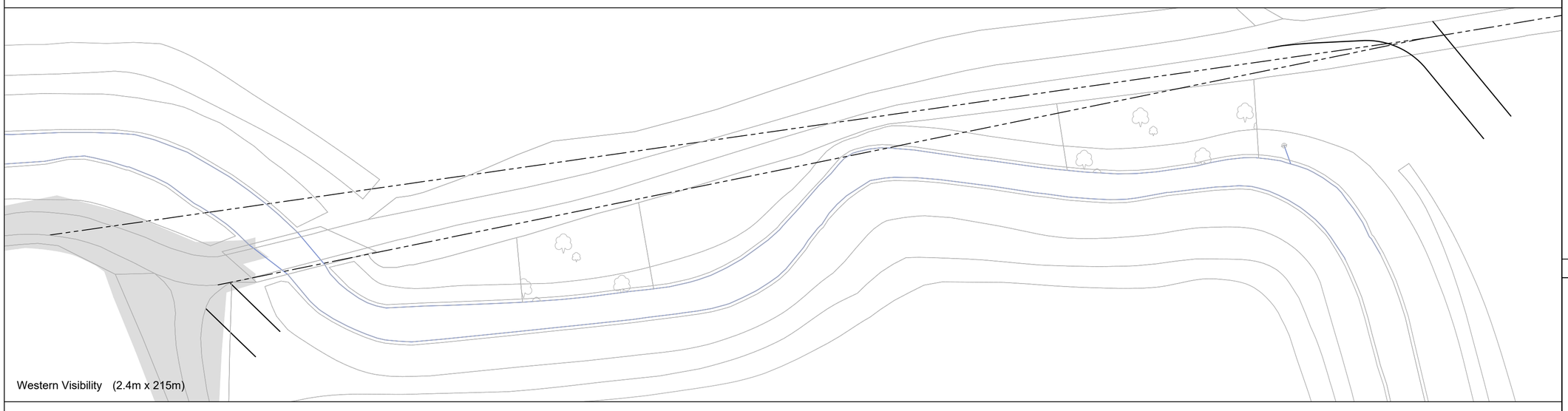
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	08.12.22	SG	RR	JD

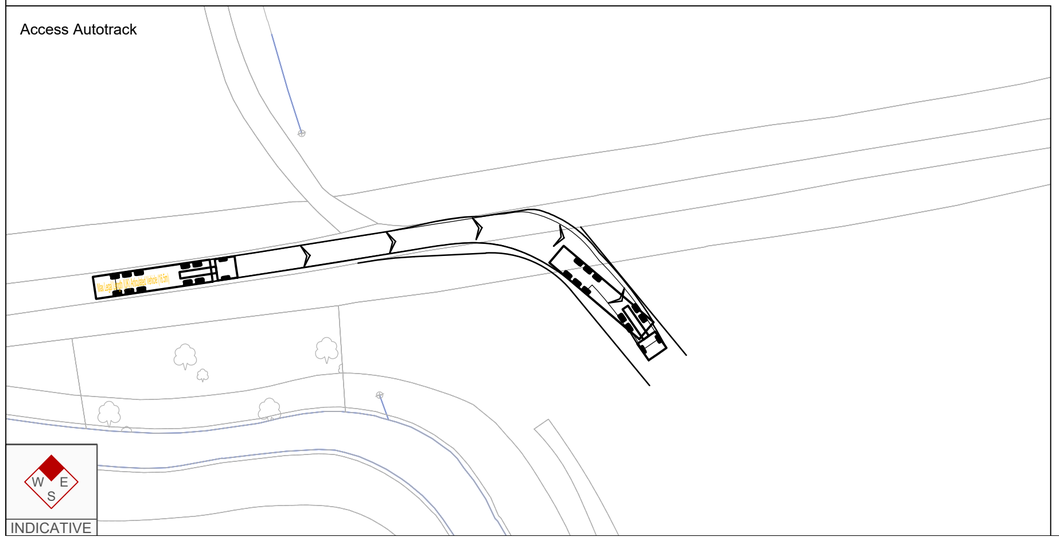
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK10	-

A2
ORIGINAL
PLOT SIZE



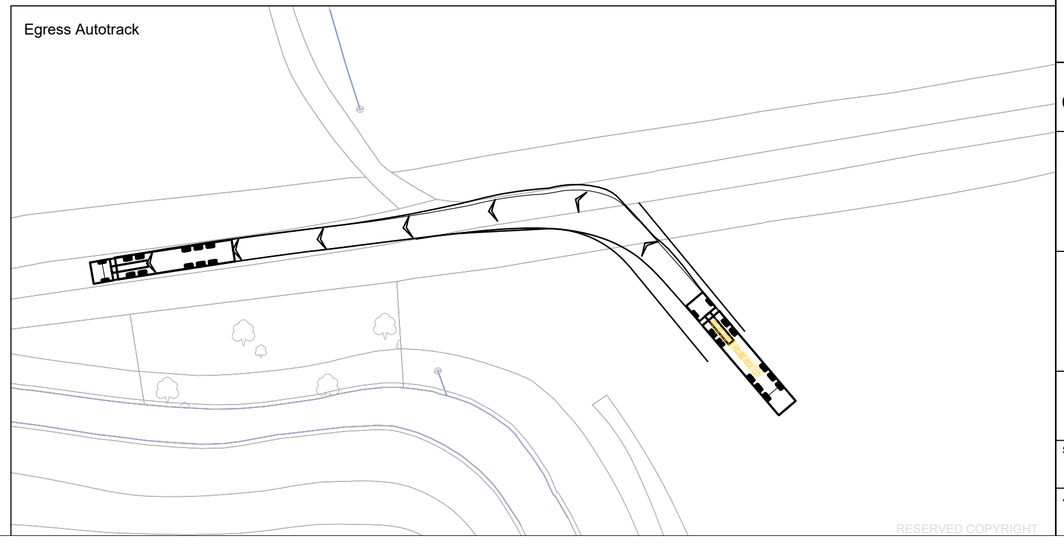


Access Autotrack



INDICATIVE

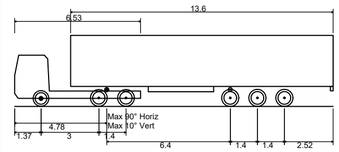
Egress Autotrack



NOTES:

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)	
Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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Welwyn Garden City

Transport Planning Associates

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BS1 4PB
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cottam Solar Farm
Access 11
Coates Lane

STATUS:
INFORMATION

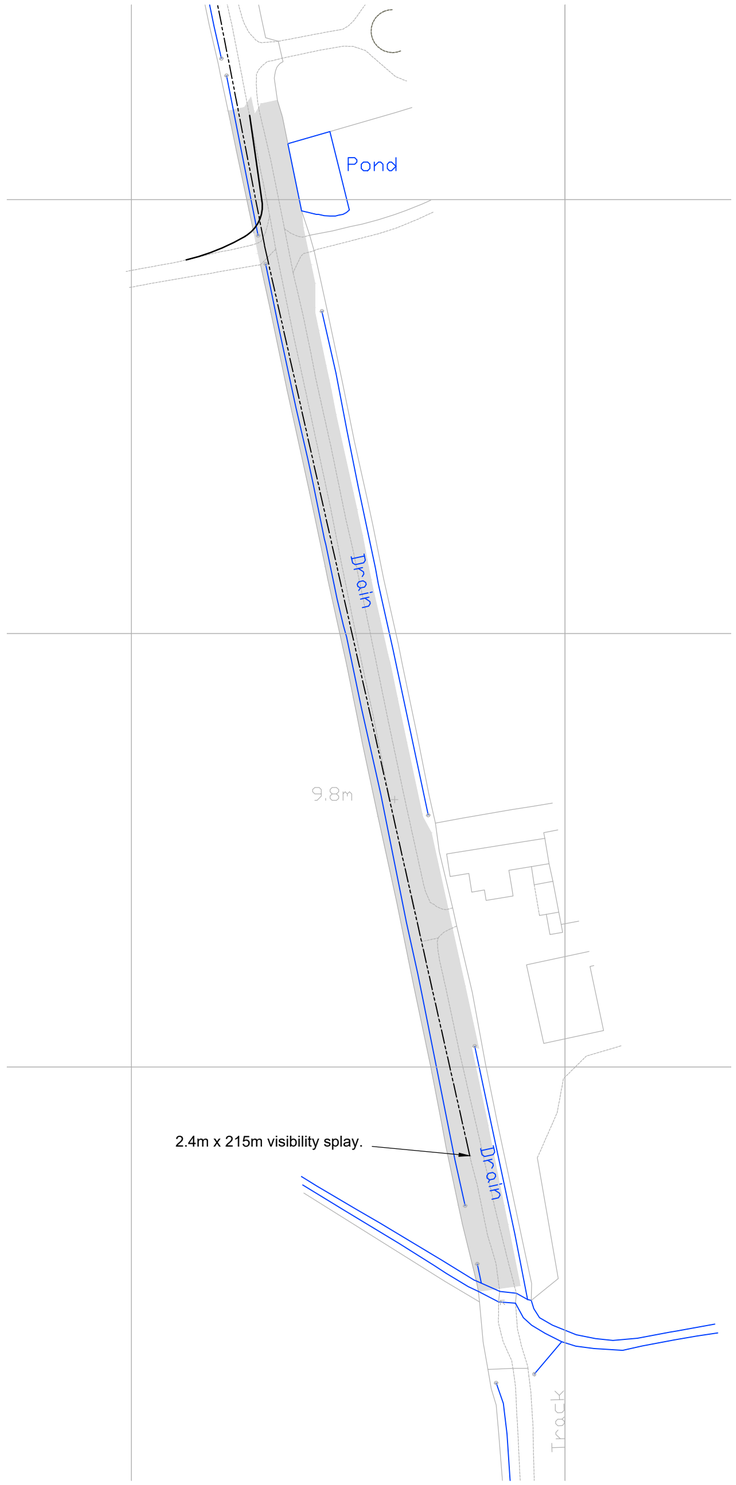
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:500	08.12.22	SG	RR	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK11	-

A2
ORIGINAL
PLOT SIZE

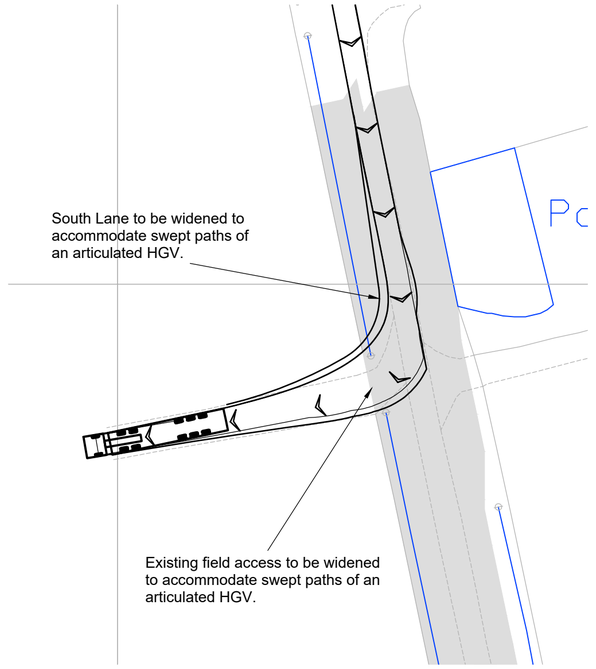
Site Access Arrangement And Visibility Splay To The North

Scale 1:1,000



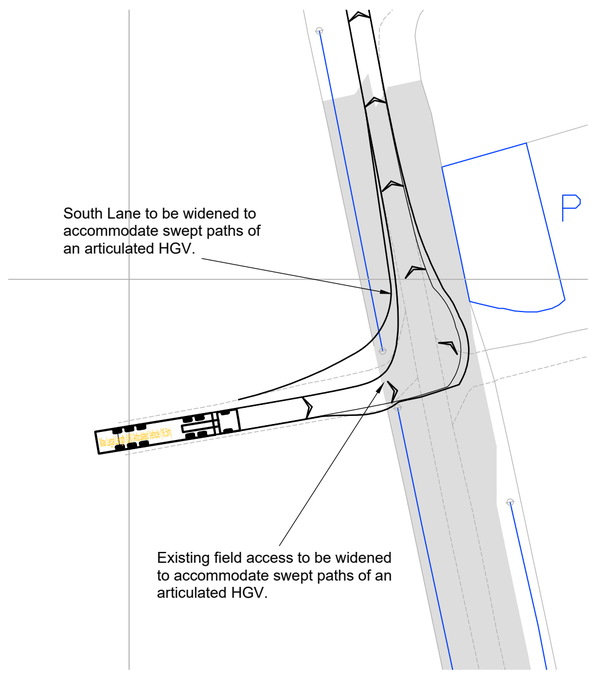
Site Access Arrangement And Visibility Splay To The North

Scale 1:1,000



Swept Path Of An Articulated HGV Entering Site Access

Scale 1:500



Swept Path Of An Articulated HGV Egressing Site Access

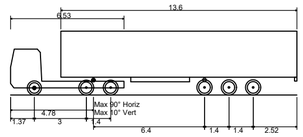
Scale 1:500

INDICATIVE

NOTES:

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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Cambridge
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Manchester
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Welwyn Garden City

25 King Street
Bristol
BS1 4PB
0117 925 9400

www.tpa.uk.com

CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cottam Solar Farm
Access 12
South Lane

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	AJS	WG	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK12	-

A2
ORIGINAL
PLOT SIZE

Site Access Arrangement And Visibility Splay To The North

Scale 1:1,000

Site Access Arrangement And Visibility Splay To The North

Scale 1:1,000

Site Access

Scale 1:500

INDICATIVE

NOTES:

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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Welwyn Garden City

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BS1 4PB
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www.tpa.uk.com

CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

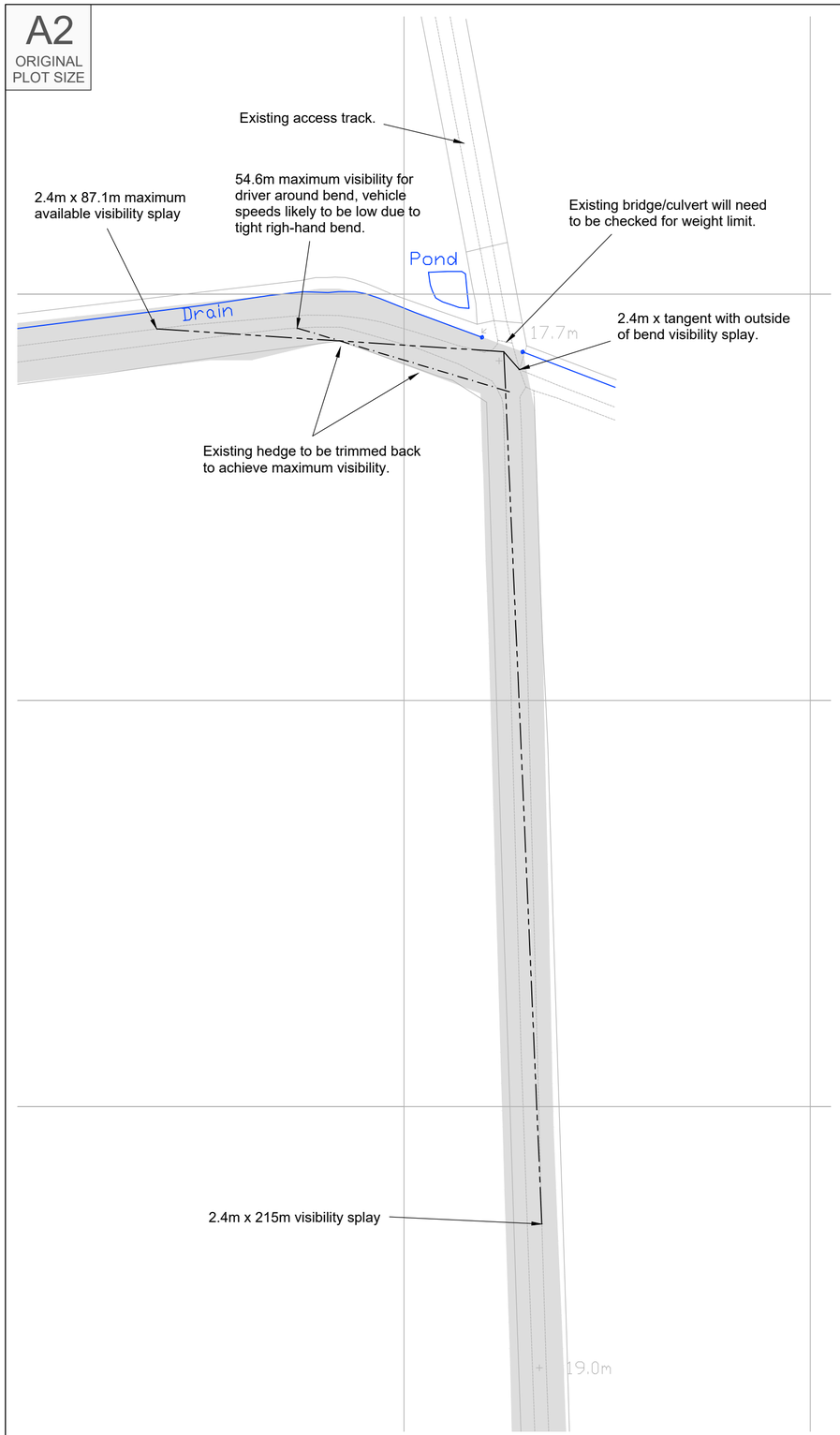
TITLE:
Cottam Solar Farm
Access 13
Stone Pit Lane

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	14.12.22	SG	RR	JD

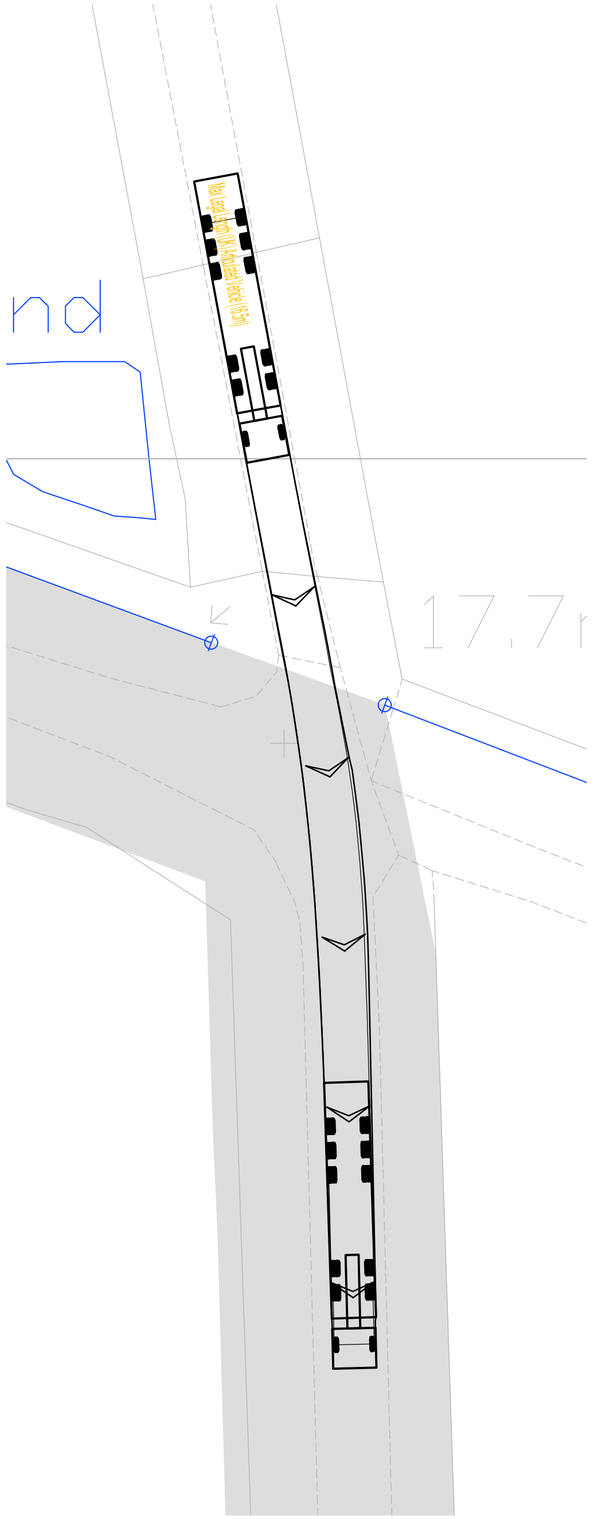
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK13	-

A2
ORIGINAL
PLOT SIZE



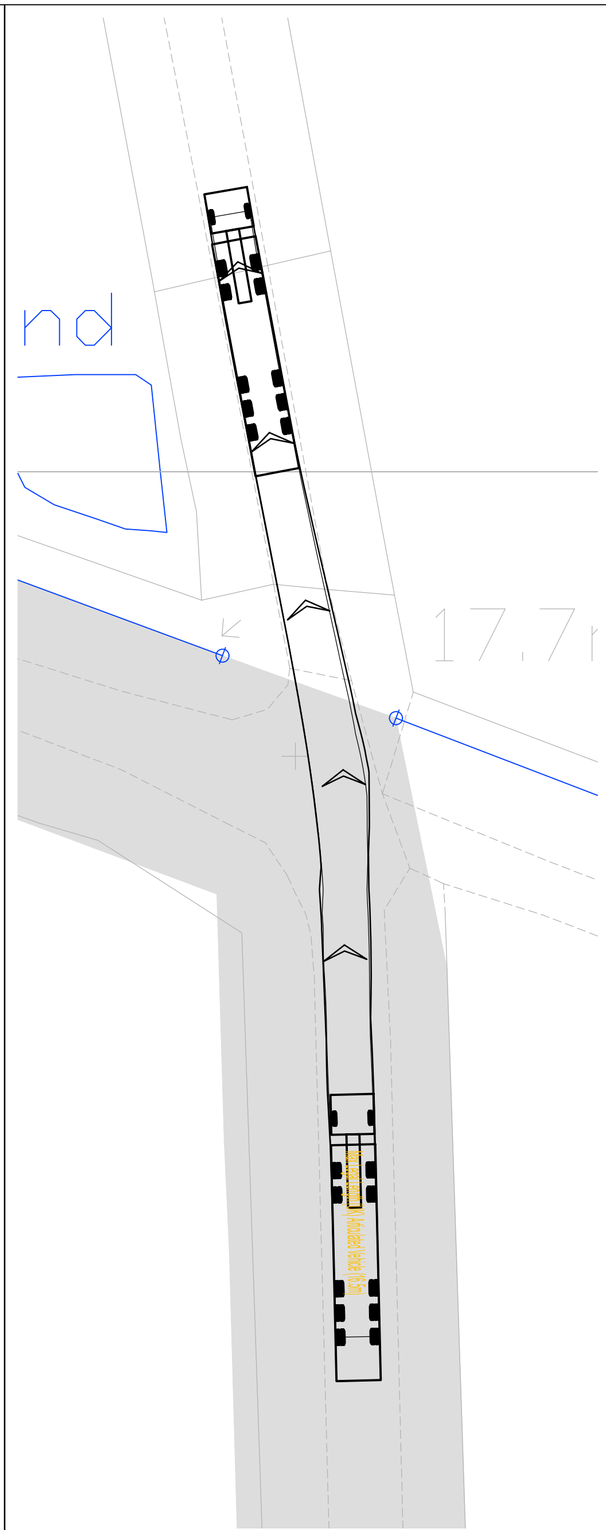
Site Access Arrangement

Scale 1:1000



16.5m Articulated Vehicle Entering Site

Scale 1:250



16.5m Articulated Vehicle Leaving Site

Scale 1:250

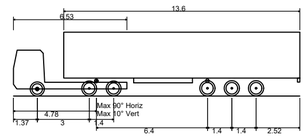
INDICATIVE

NOTES:

1. The existing posted speed limit is National Speed Limit (60mph).

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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BS1 4PB
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

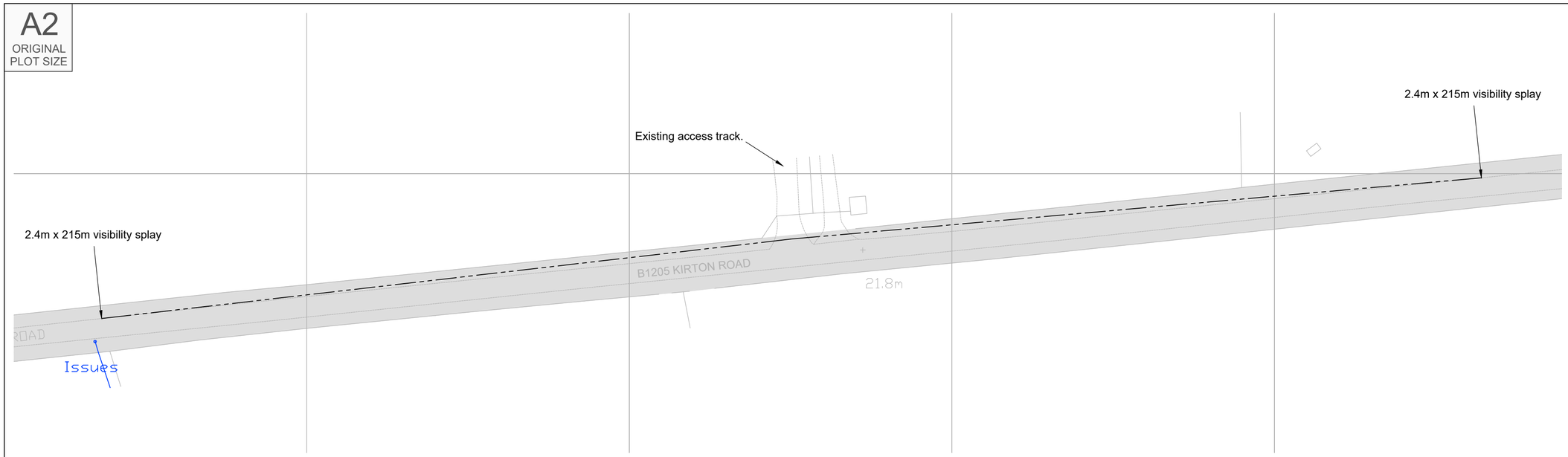
TITLE:
Cottam Solar Farm
Access 14
Un-Named Track

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	PSW	WG	JD

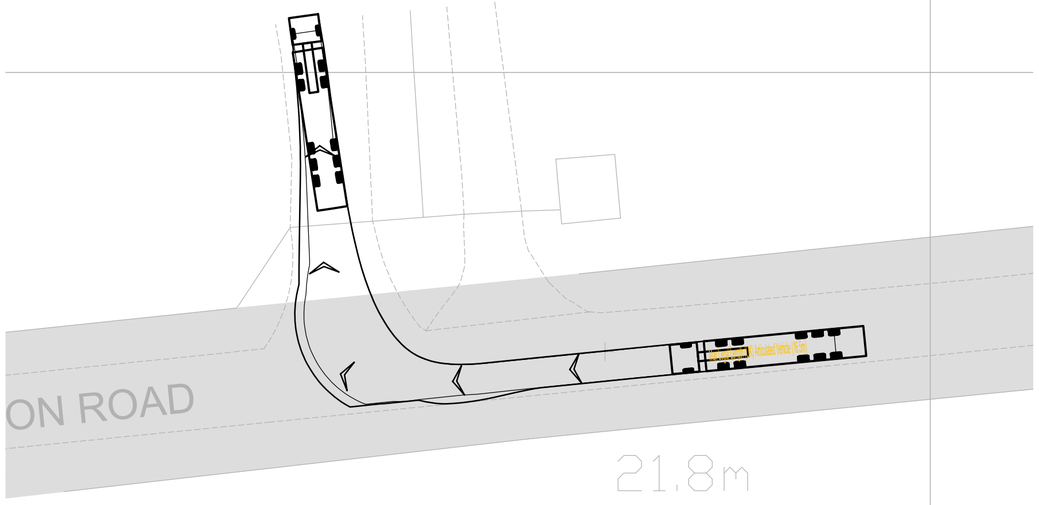
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK14	-

A2
ORIGINAL
PLOT SIZE



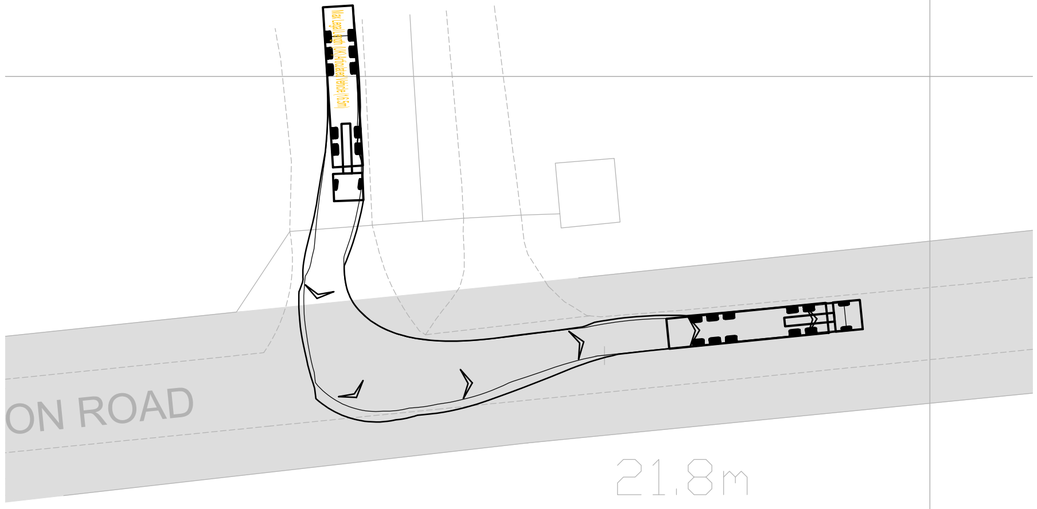
Site Access Arrangement

Scale 1:1000



16.5m Articulated Vehicle Turning Right Into Access

Scale 1:250



16.5m Articulated Vehicle Turning Left Out Of Access

Scale 1:250

W E S

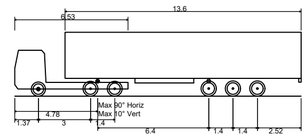
INDICATIVE

NOTES:

1. The existing posted speed limit on B1205 Kirton Road is National Speed Limit (60mph).

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

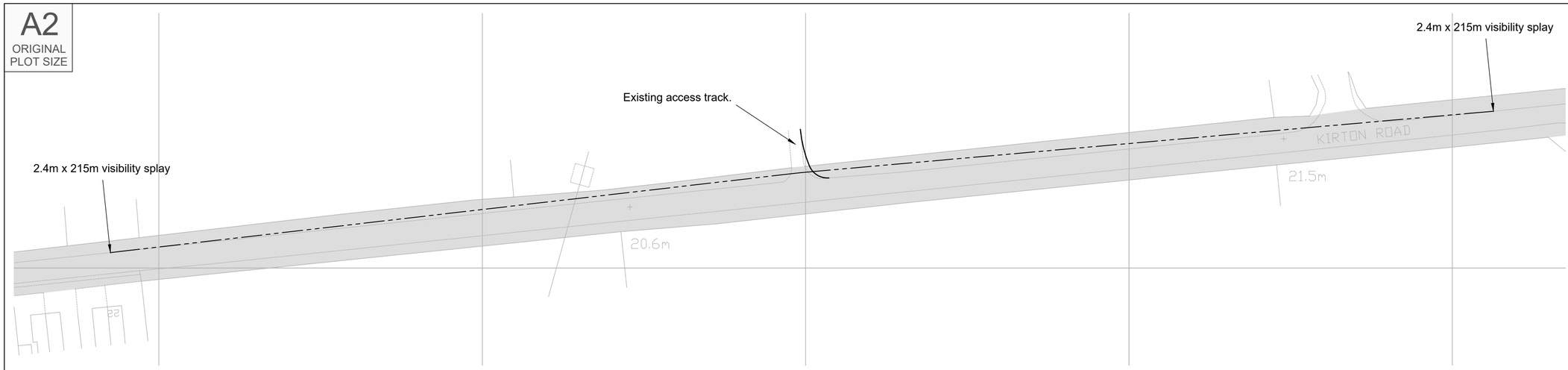
TITLE:
Cottam Solar Farm
Access 15
B1205 Kirton Road

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	PSW	WG	JD

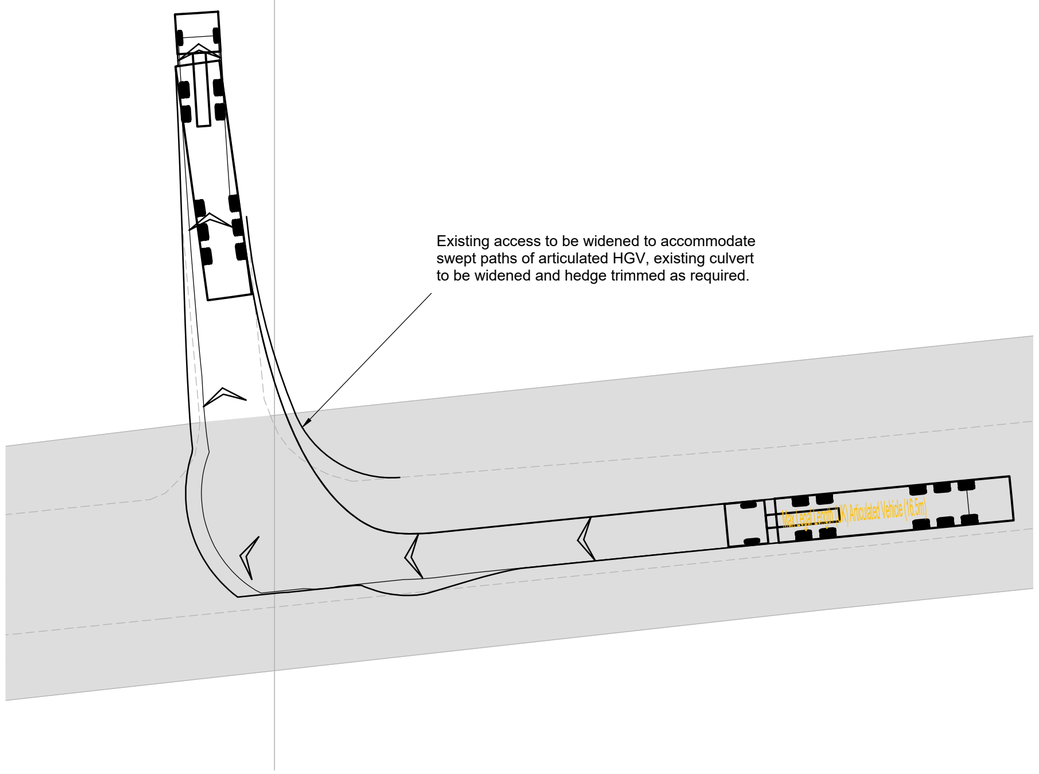
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK15	-

A2
ORIGINAL
PLOT SIZE



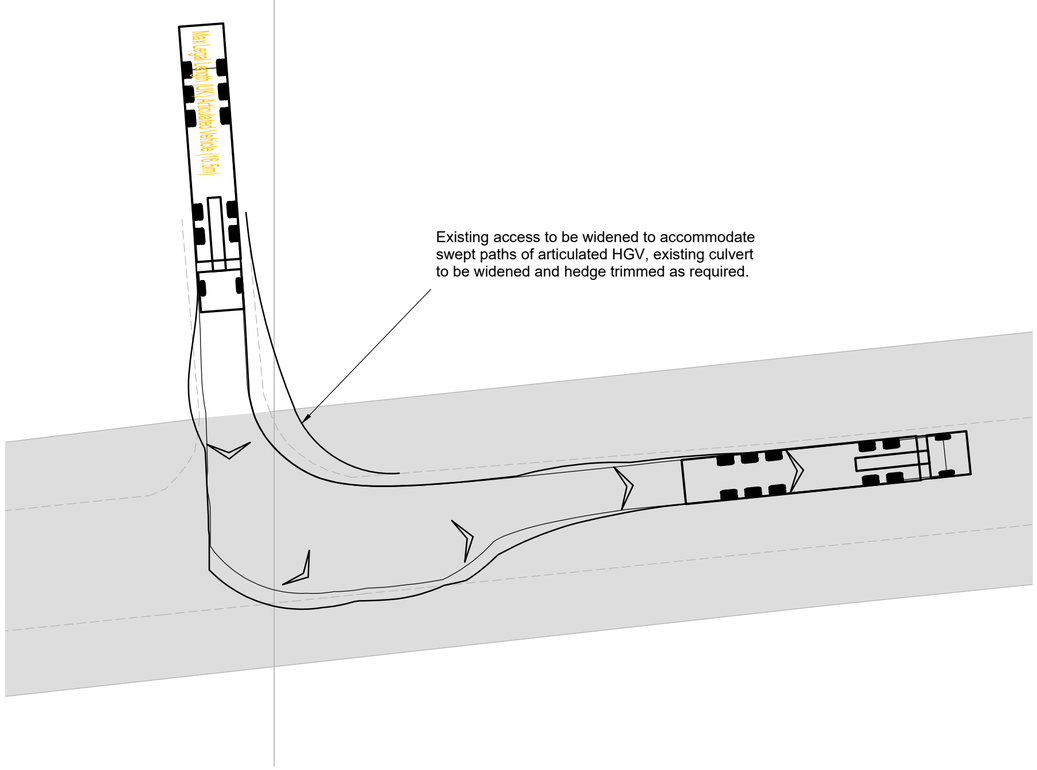
Site Access Arrangement

Scale 1:1000



16.5m Articulated Vehicle Turning Right Into Access

Scale 1:250



16.5m Articulated Vehicle Turning Left Out Of Access

Scale 1:250

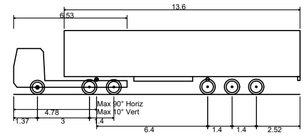
INDICATIVE

NOTES:

1. The existing posted speed limit on B1205 Kirton Road is National Speed Limit (60mph).

KEY

Approximate extent of adopted highway.



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

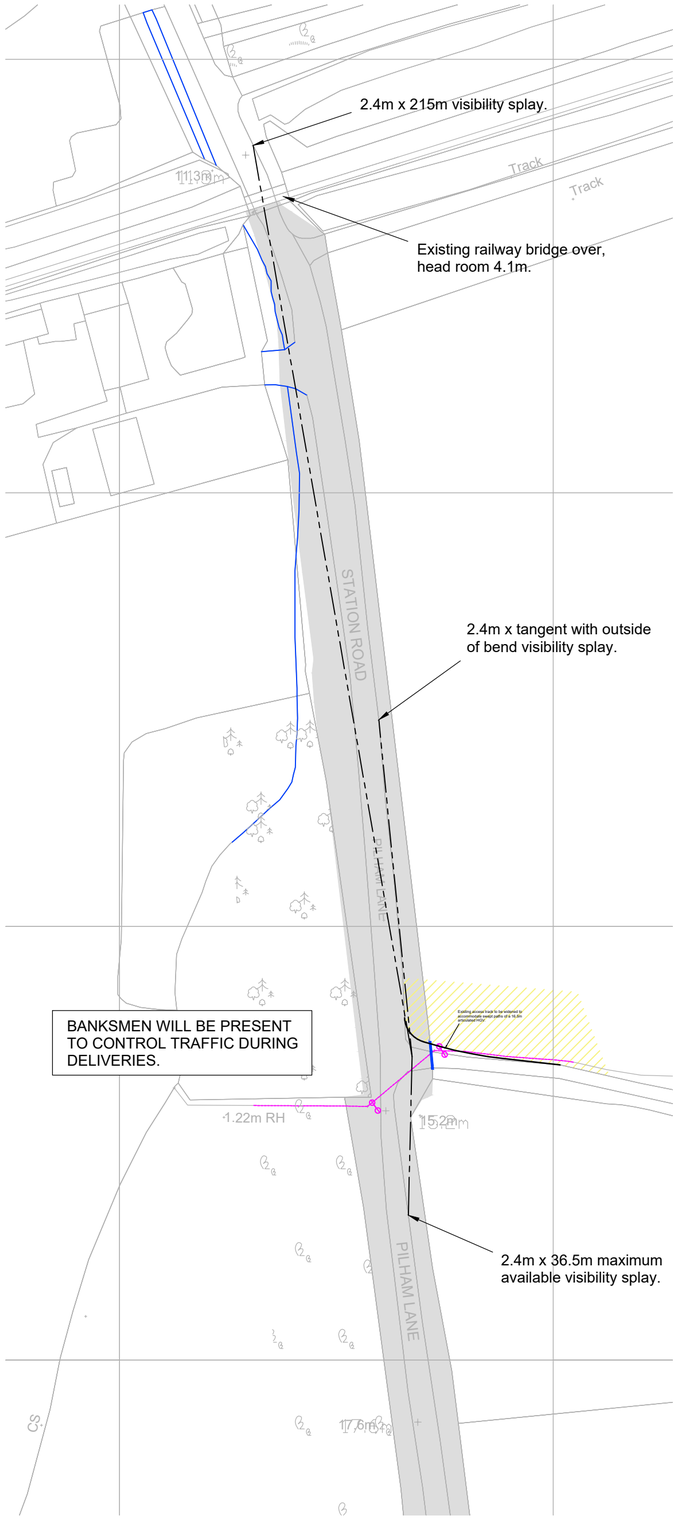
TITLE:
Cottam Solar Farm
Access 16
B1205 Kirton Road

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	08.12.22	PSW	WG	JD

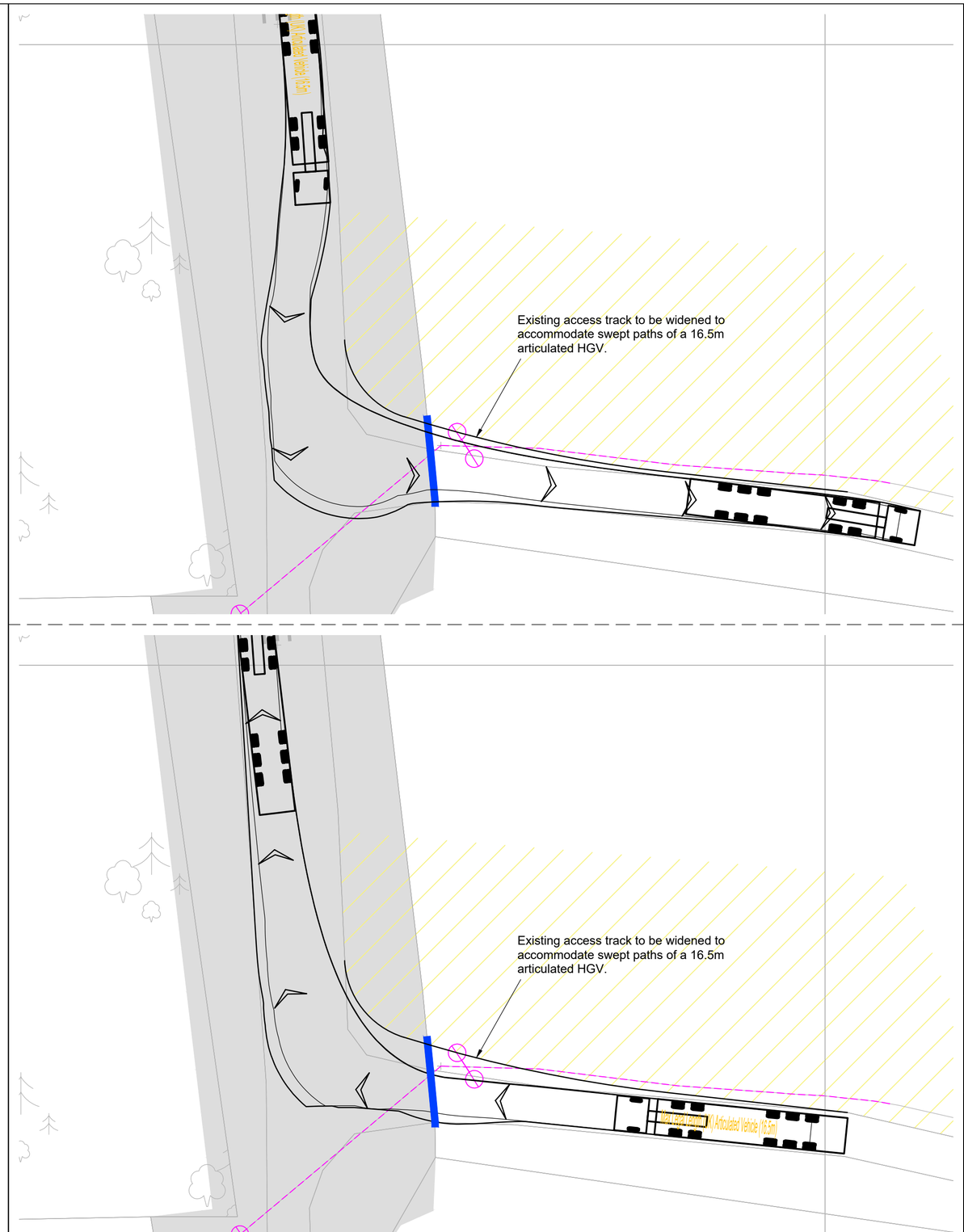
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK16	-

A2
ORIGINAL
PLOT SIZE



Site Access Arrangement

Scale 1:1,000



Swept Paths Of A 16.5m Articulated Vehicle

Scale 1:250

INDICATIVE

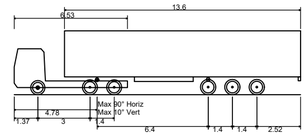
NOTES:

1. The existing posted speed limit on Station Road is National Speed Limit (60mph).

KEY

Approximate extent of adopted highway. Existing field access gate.

Potential area required for abnormal vehicle access



Max Legal Length (UK) Articulated Vehicle (16.5m)

Overall Length	16.500m
Overall Width	2.550m
Overall Body Height	3.681m
Min Body Ground Clearance	0.411m
Max Track Width	2.500m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	6.530m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cottam Solar Farm
Access 17
Station Road

STATUS:
INFORMATION

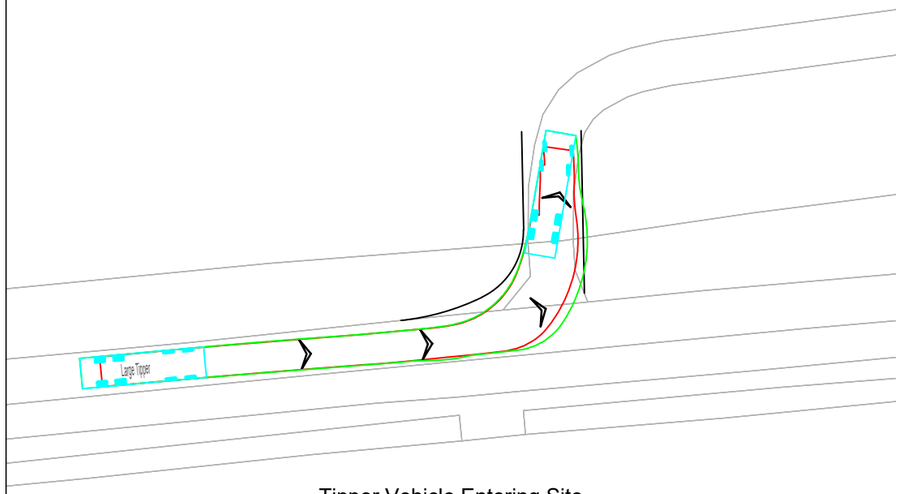
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	14.12.22	SG	RR	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK17	-

APPENDIX C

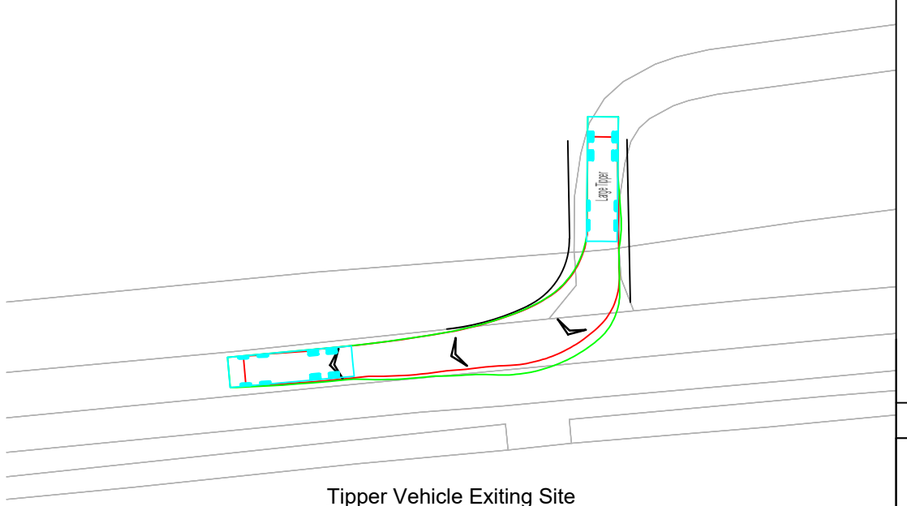
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

Scale 1:500



Tipper Vehicle Exiting Site

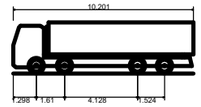
Scale 1:500

NOTES:

1. The existing posted speed limit on Torksey Ferry Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

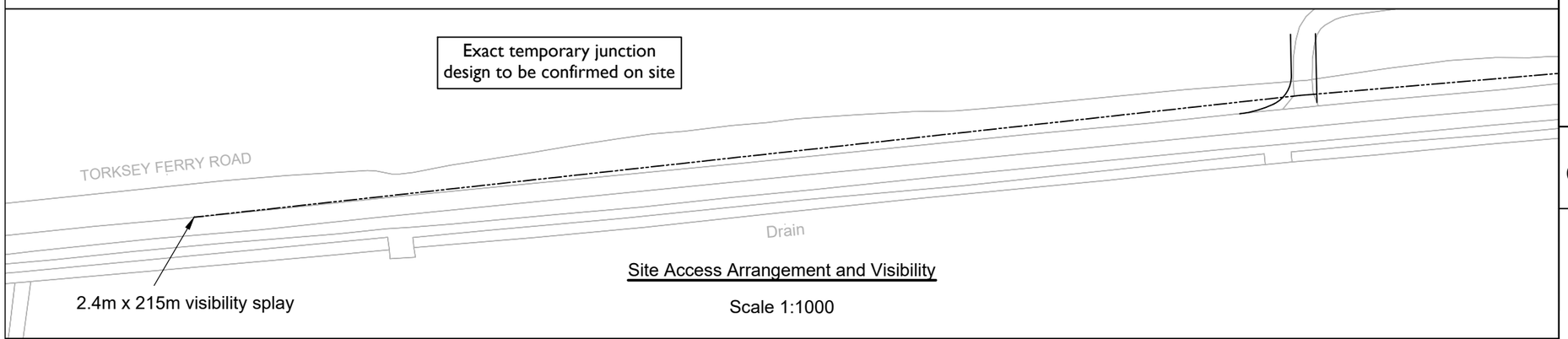
3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

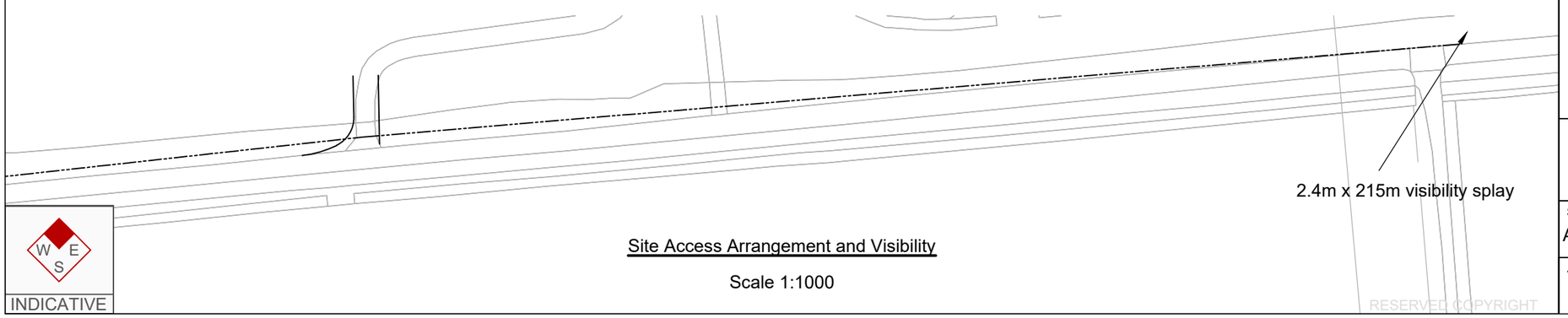
Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

Exact temporary junction design to be confirmed on site



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 01

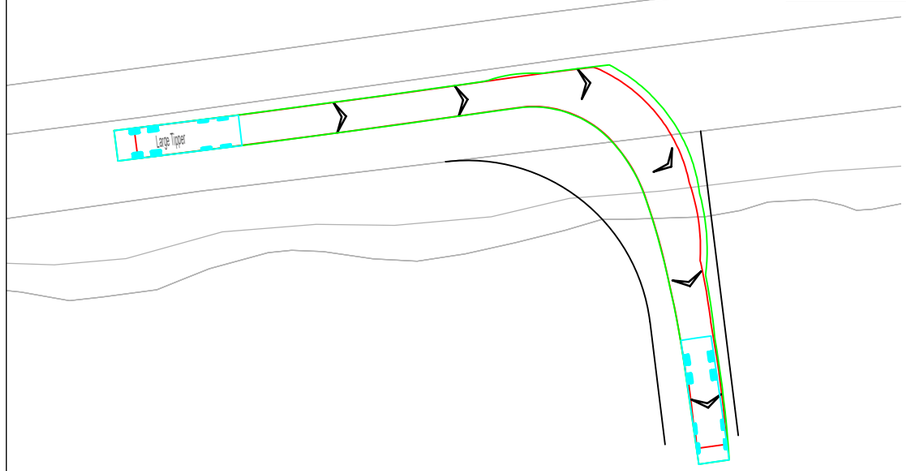
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 101	-

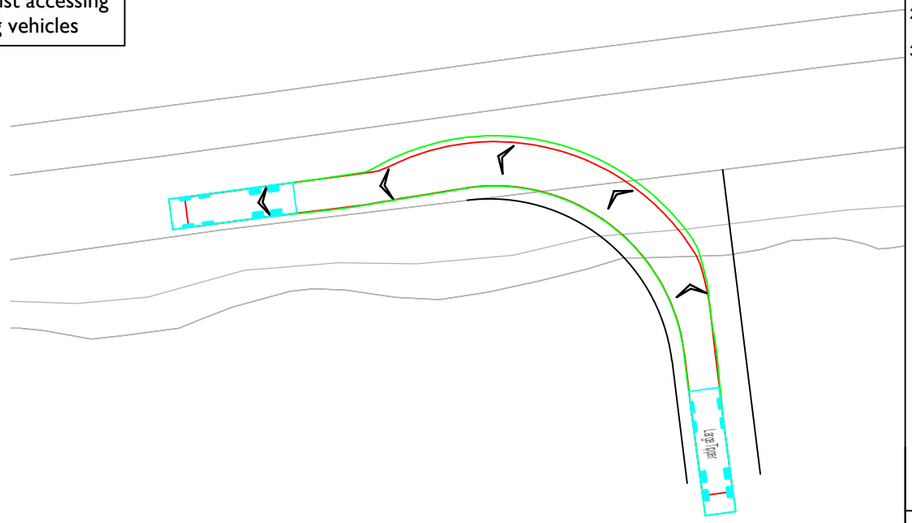
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

Scale 1:500



Tipper Vehicle Exiting Site

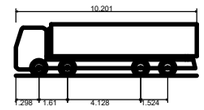
Scale 1:500

NOTES:

1. The existing posted speed limit on Cottam Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

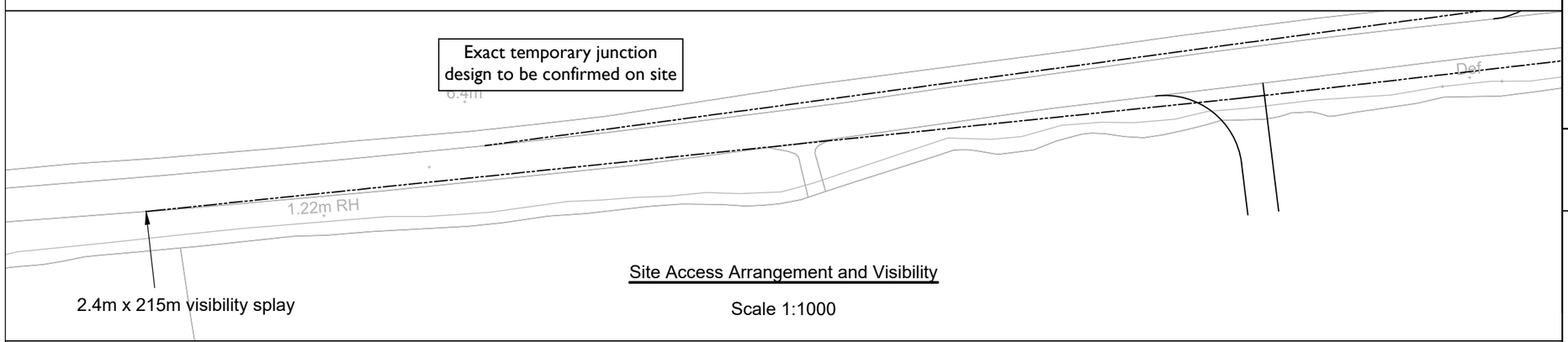
3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	21.07.23	Access relocated to align with Gate Burton access location.	PSW	RR	JD

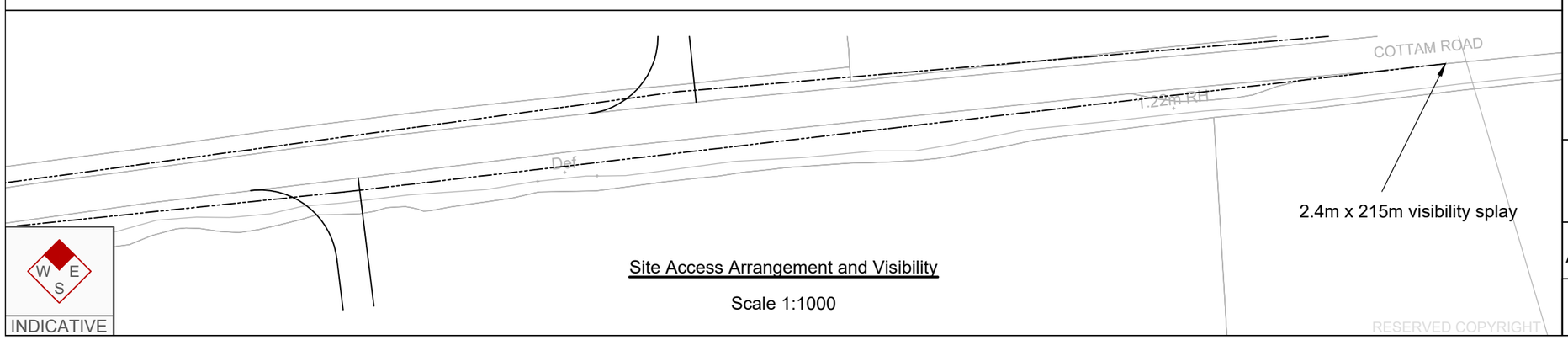
Exact temporary junction design to be confirmed on site



2.4m x 215m visibility splay

Site Access Arrangement and Visibility

Scale 1:1000



2.4m x 215m visibility splay

Site Access Arrangement and Visibility

Scale 1:1000

W E S

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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 02

STATUS:

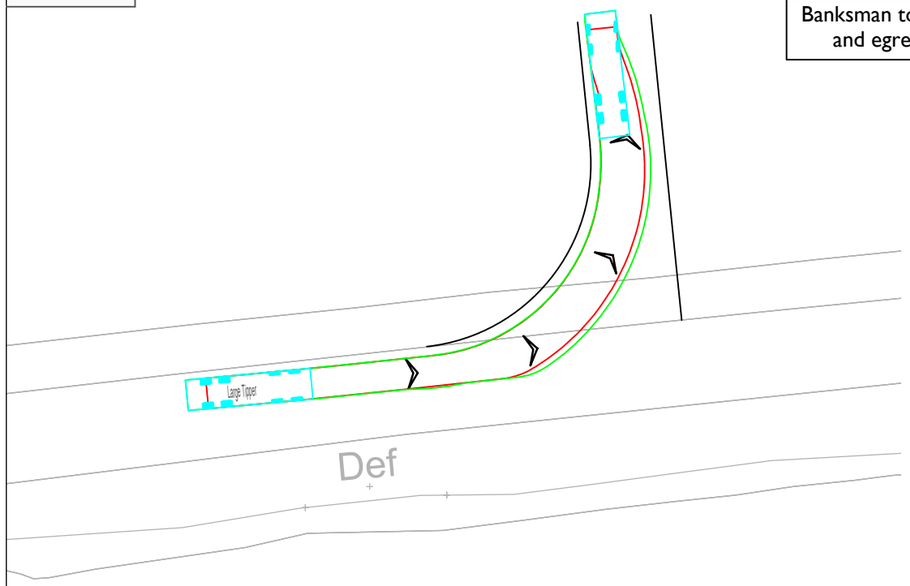
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 102	A

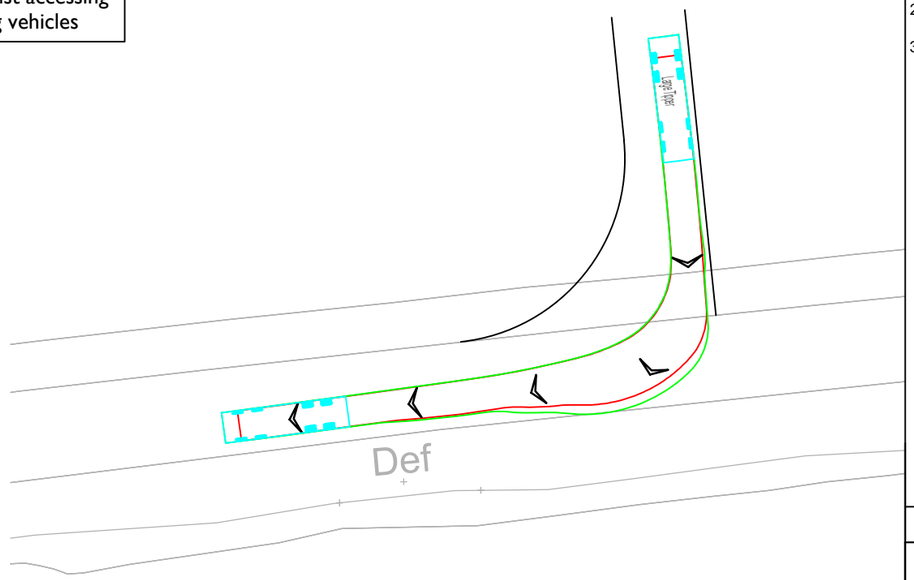
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

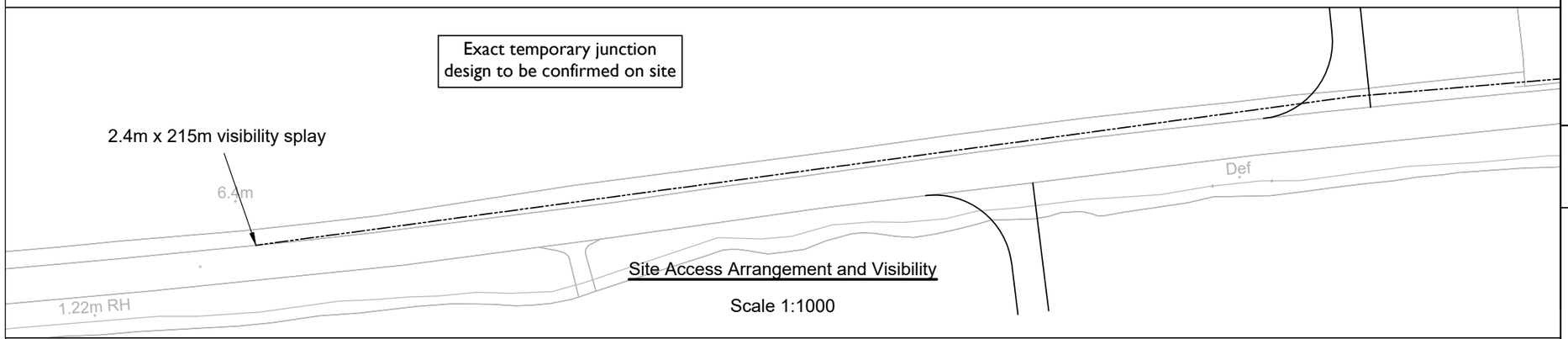
Scale 1:500



Tipper Vehicle Exiting Site

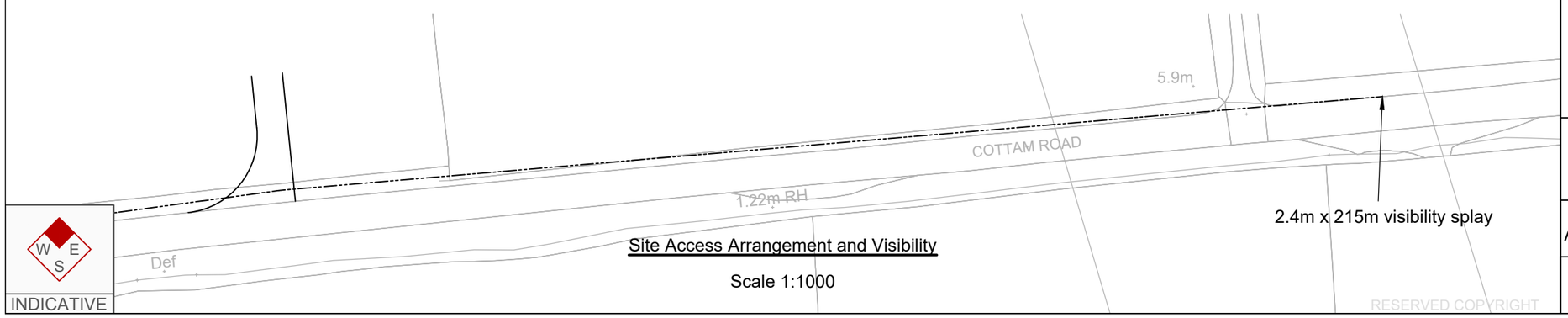
Scale 1:500

Exact temporary junction design to be confirmed on site



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

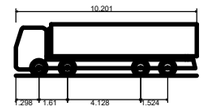
INDICATIVE

NOTES:

1. The existing posted speed limit on Cottam Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	21.07.23	Access relocated to align with Gate Burton access location.	PSW	RR	JD

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

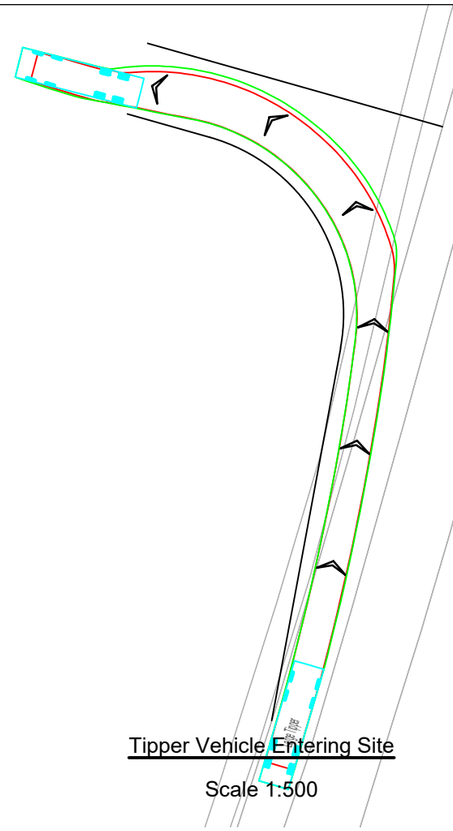
TITLE:
Cable Route Access Point 03

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 103	A

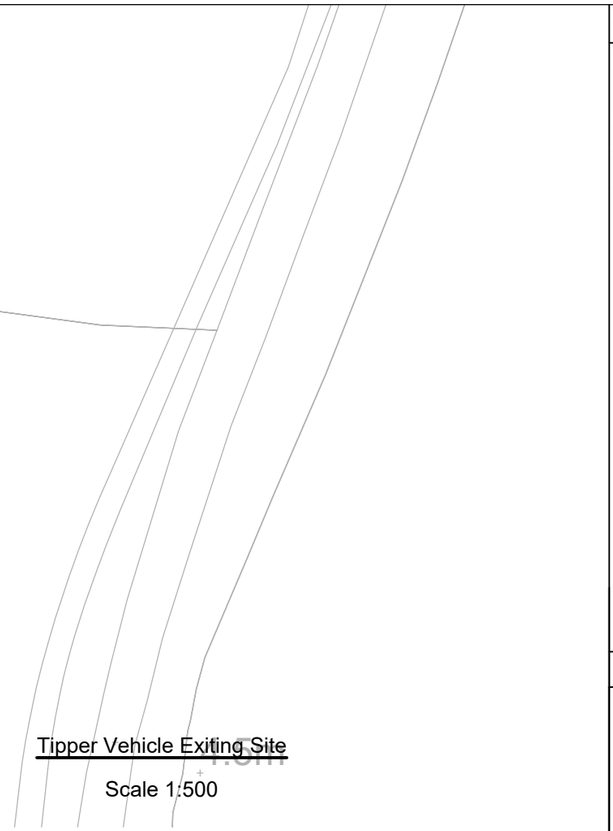
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

Tipper Vehicle Entering Site

Scale 1:500

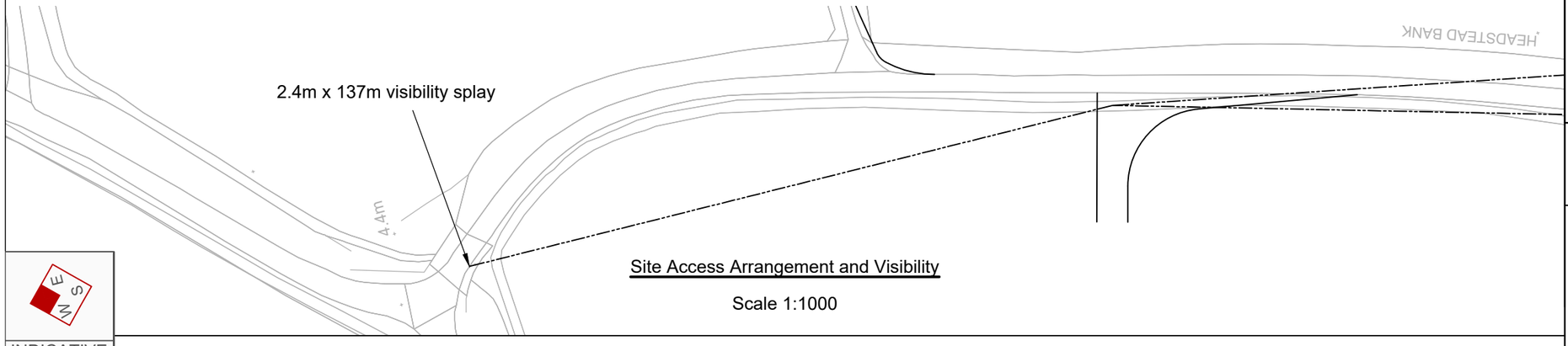


Tipper Vehicle Exiting Site

Scale 1:500

W E S

INDICATIVE

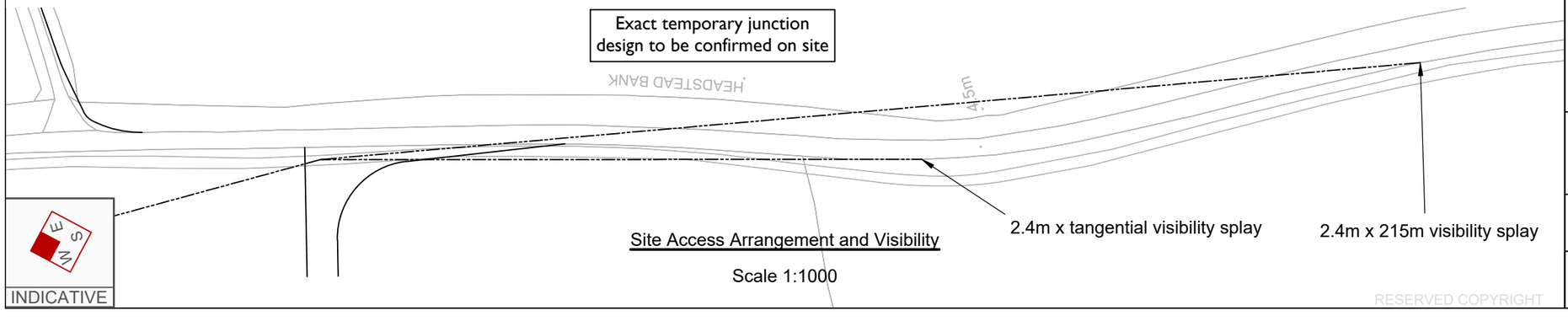


Site Access Arrangement and Visibility

Scale 1:1000

E S W

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

W E S

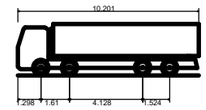
INDICATIVE

NOTES:

1. The existing posted speed limit on Headstead Bank is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	20.07.23	Access relocated to align with Gate Burton access location.	PSW	RR	JD

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

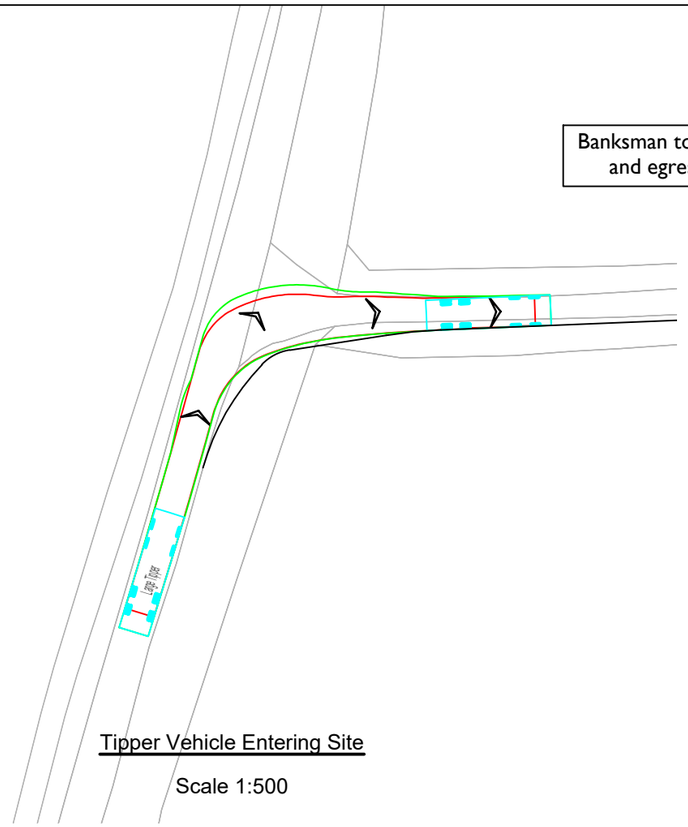
TITLE:
Cable Route Access Point 05

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 105	A

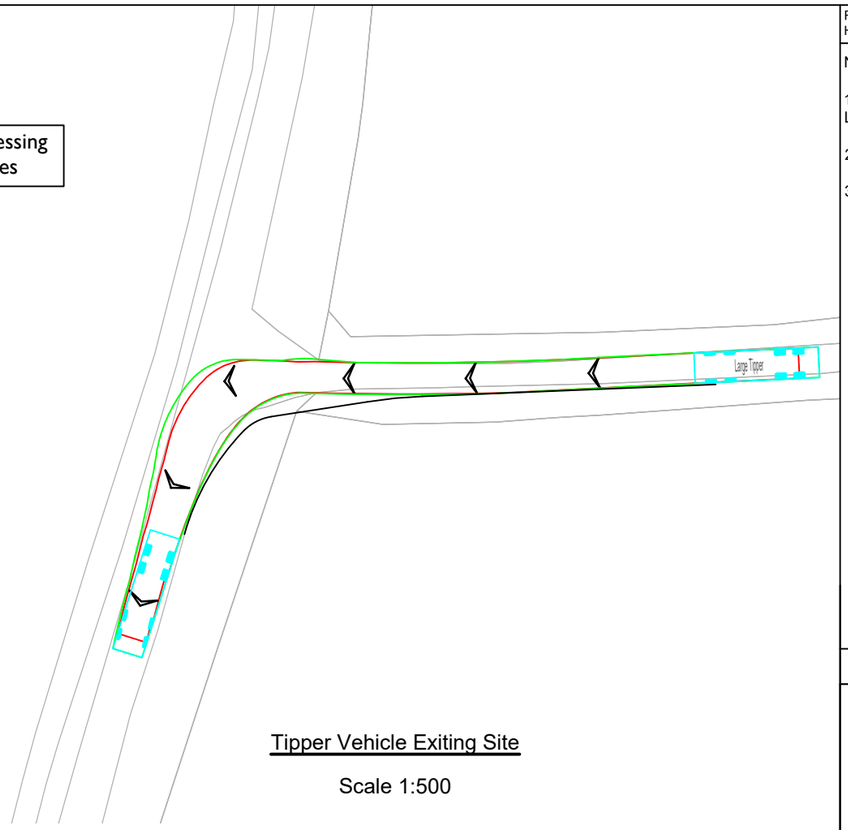
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

Tipper Vehicle Entering Site

Scale 1:500

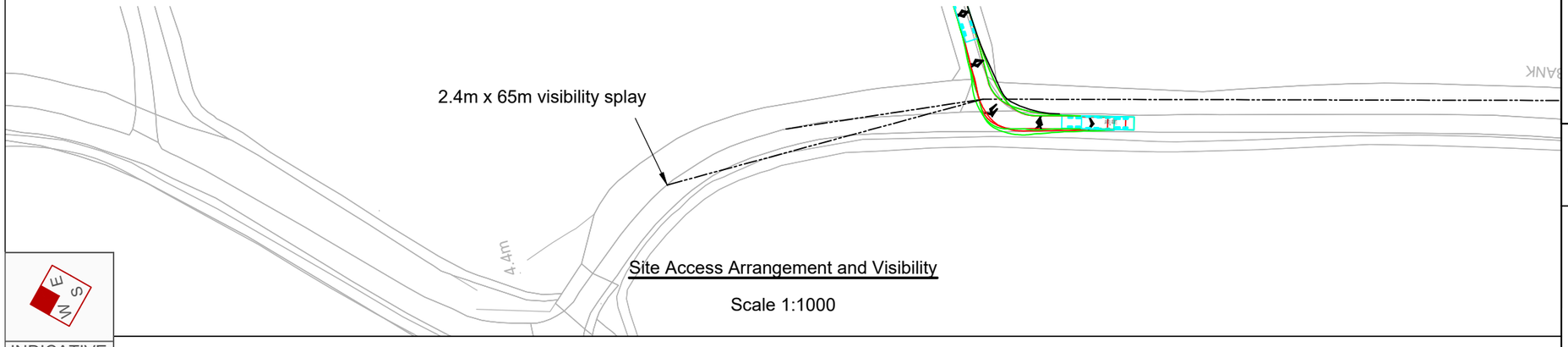


Tipper Vehicle Exiting Site

Scale 1:500

W E S

INDICATIVE



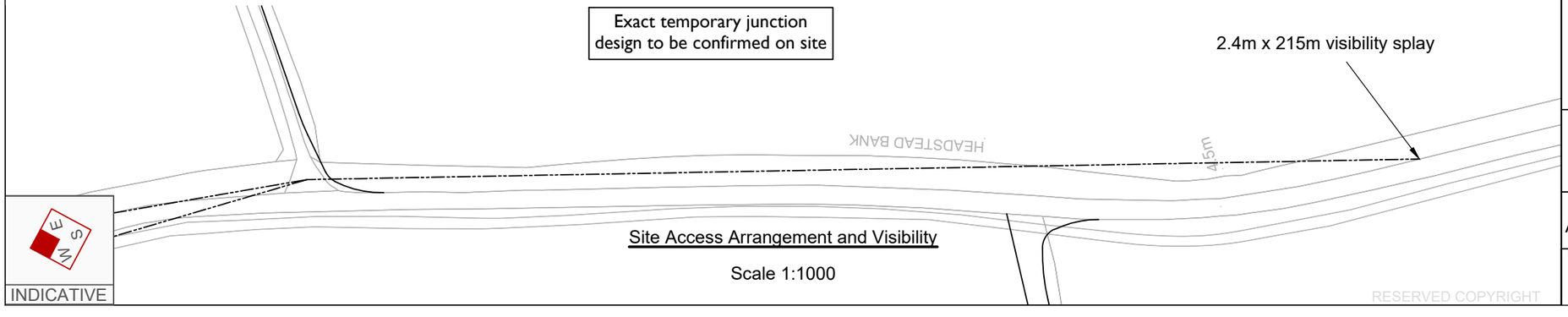
Site Access Arrangement and Visibility

Scale 1:1000

W E S

INDICATIVE

Exact temporary junction design to be confirmed on site



Site Access Arrangement and Visibility

Scale 1:1000

W E S

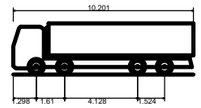
INDICATIVE

NOTES:

1. The existing posted speed limit on Headstead Bank is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

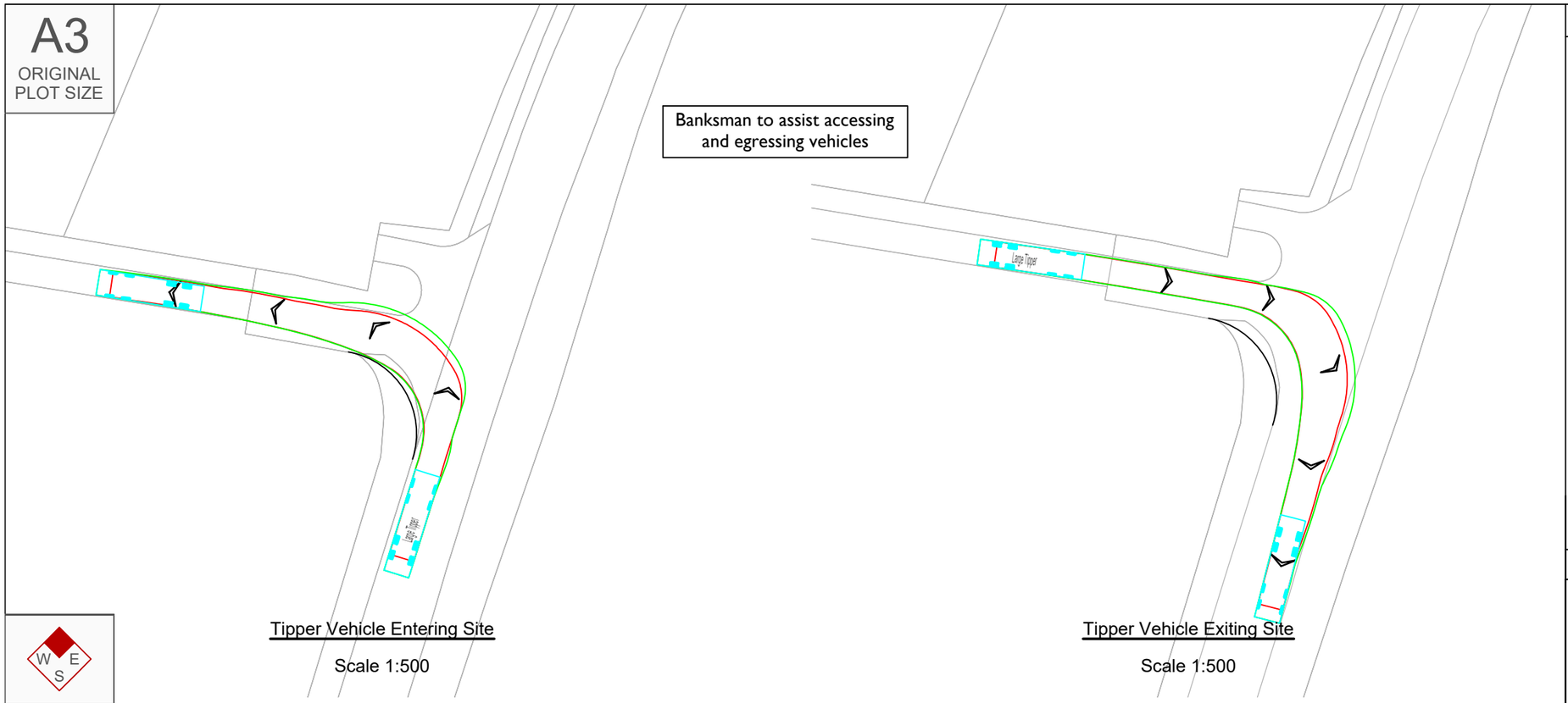
TITLE:
Cable Route Access Point 06

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	14.12.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 106	-

A3
ORIGINAL
PLOT SIZE



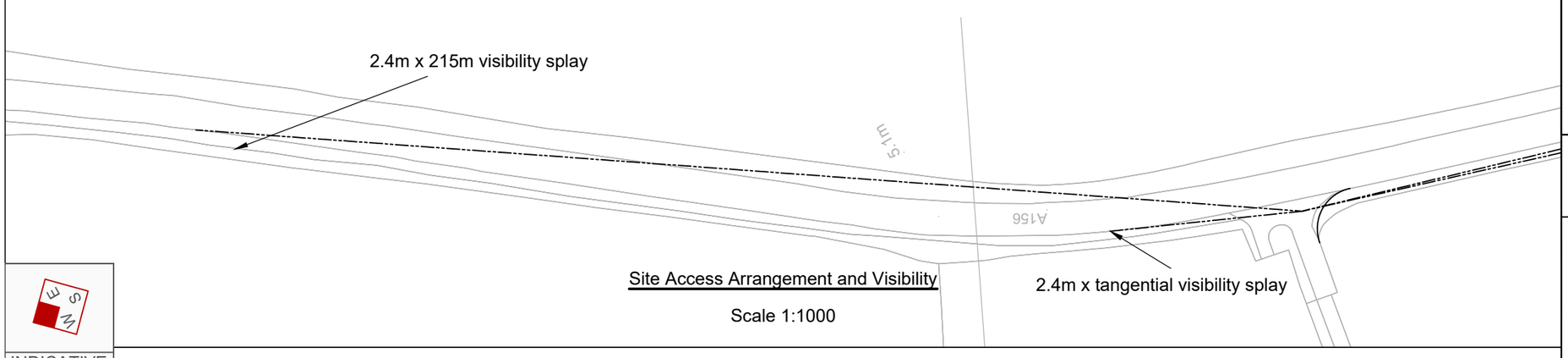
Tipper Vehicle Entering Site

Scale 1:500

Tipper Vehicle Exiting Site

Scale 1:500

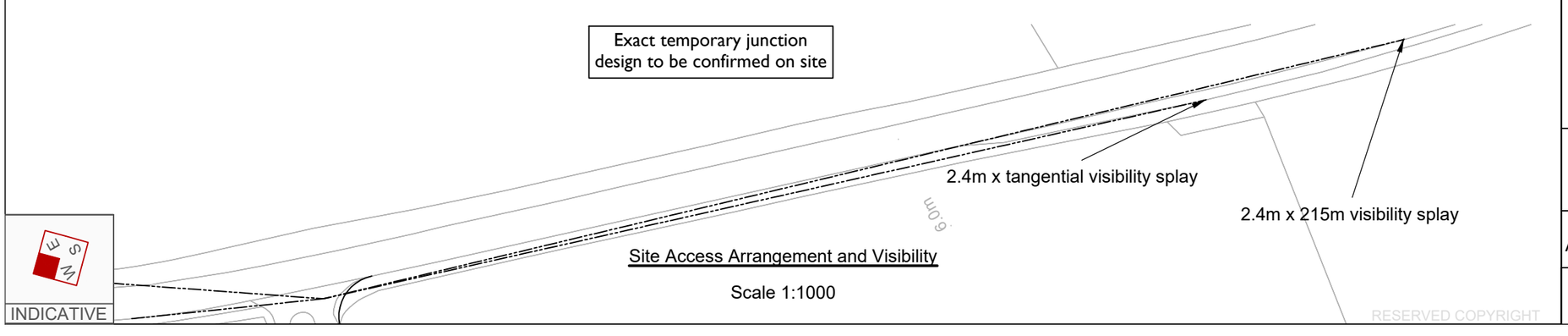
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



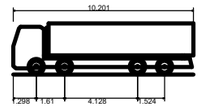
Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE

NOTES:

1. The existing posted speed limit on A156 is National Speed Limit (60mph)
2. OS base to be confirmed with topographical survey
3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

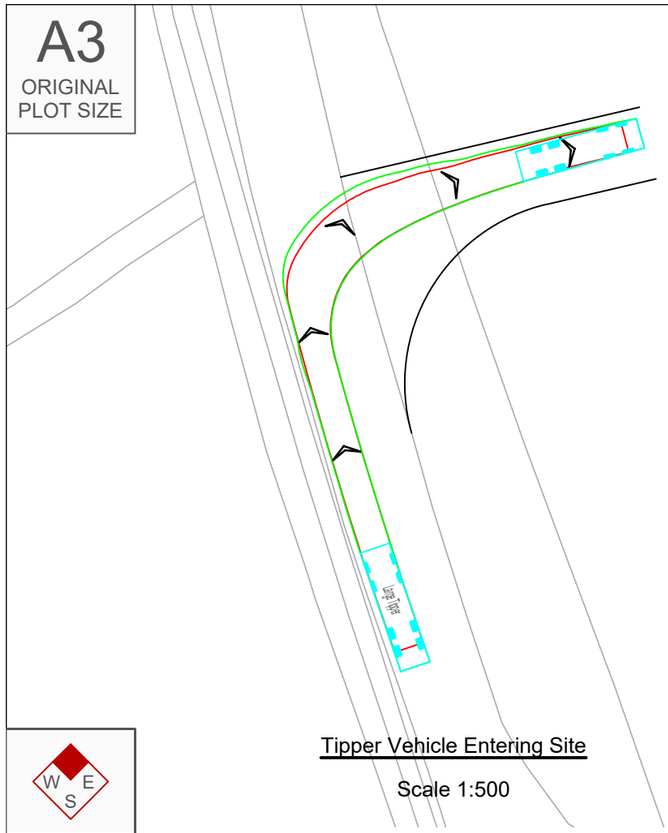
TITLE:
Cable Route Access Point 07

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 107	-

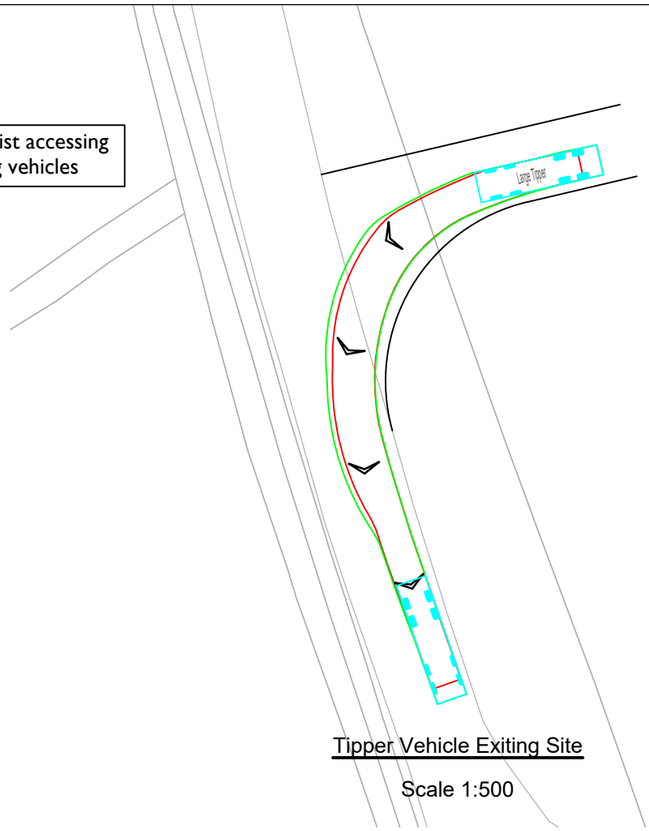
A3
ORIGINAL PLOT SIZE



Tipper Vehicle Entering Site

Scale 1:500

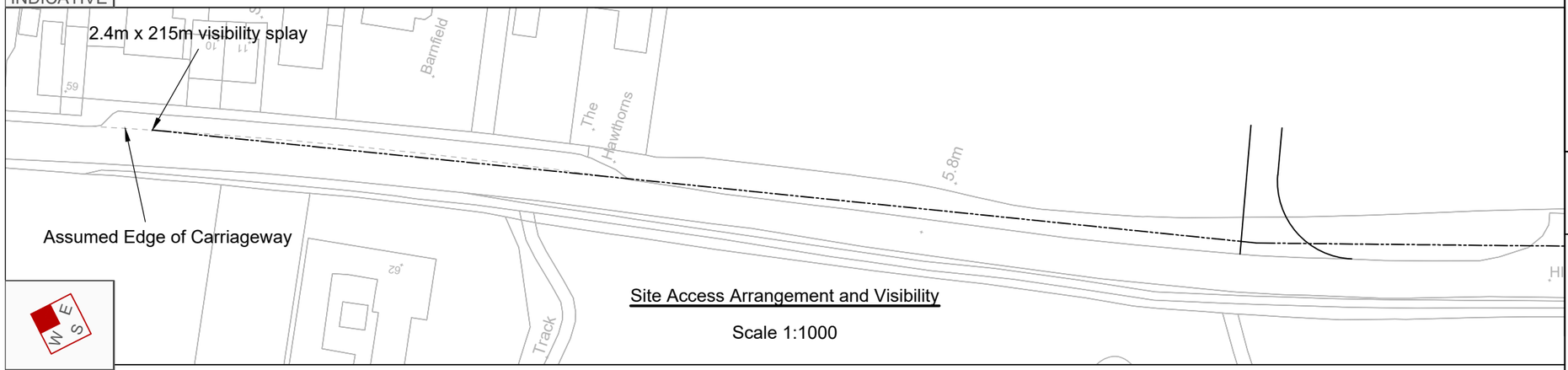
Banksman to assist accessing and egressing vehicles



Tipper Vehicle Exiting Site

Scale 1:500

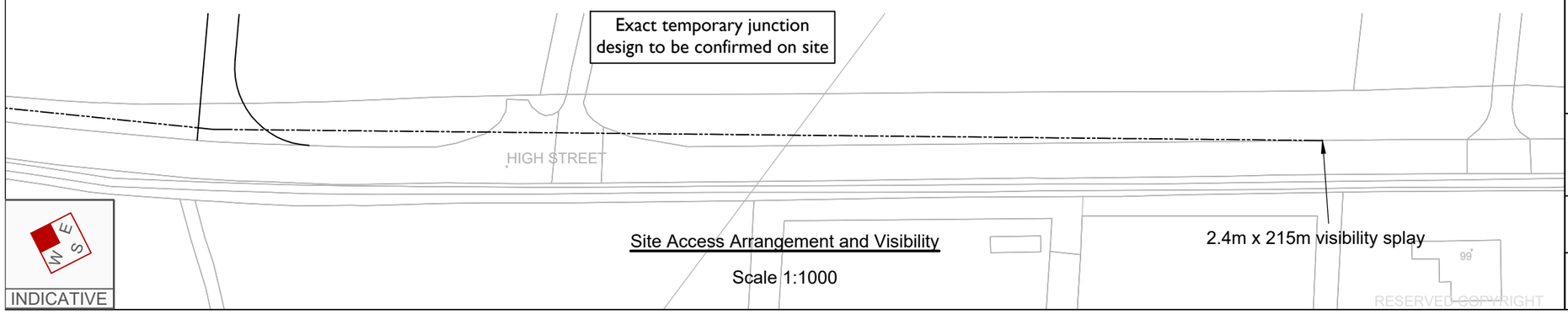
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

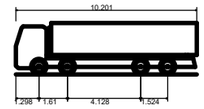
INDICATIVE

NOTES:

1. The existing posted speed limit on A156, High Street, is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	20.07.23	Access relocated to align with Gate Burton access location.	PSW	RR	JD

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

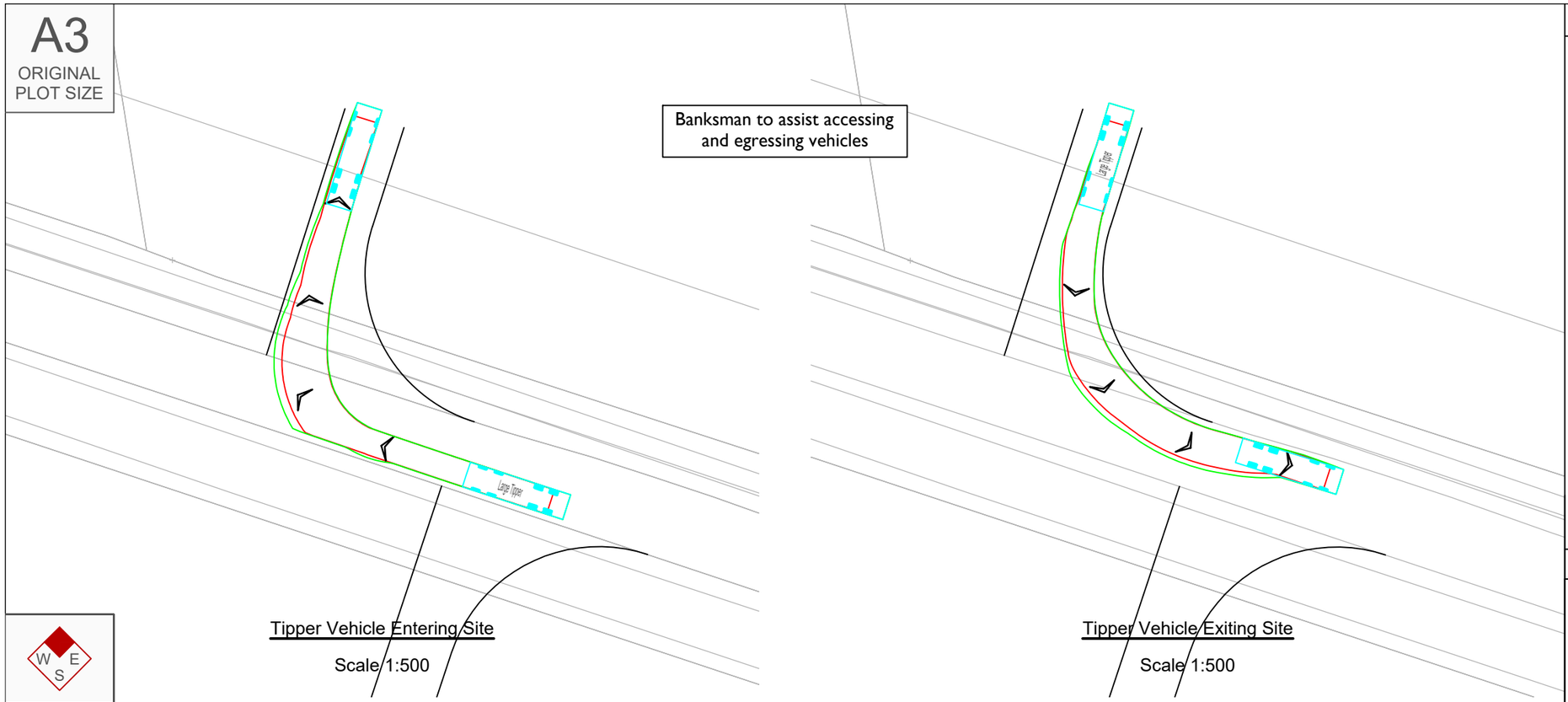
TITLE:
Cable Route Access Point 08

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 108	A

A3
ORIGINAL
PLOT SIZE



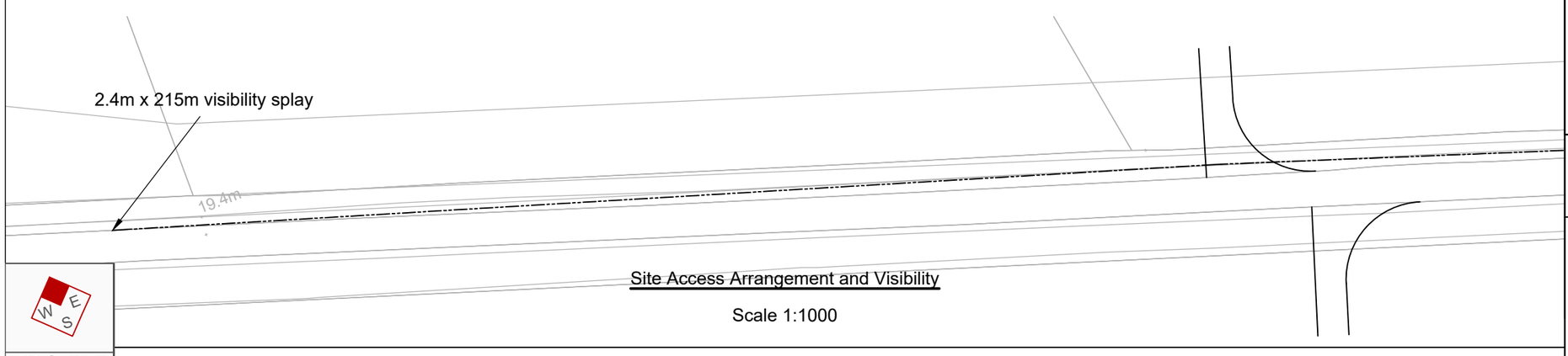
Tipper Vehicle Entering Site

Scale 1:500

Tipper Vehicle Exiting Site

Scale 1:500

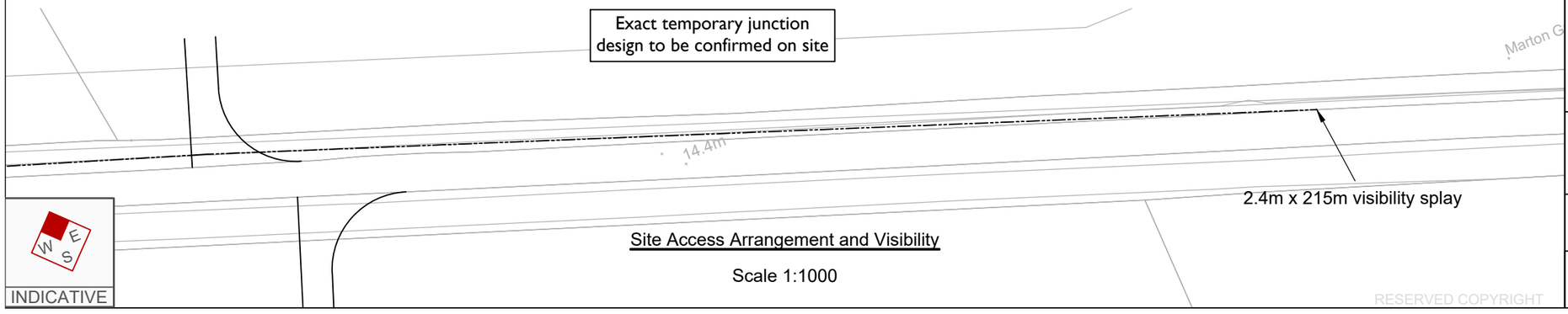
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

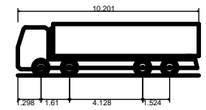
INDICATIVE

NOTES:

1. The existing posted speed limit on Stow Park Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	20.07.23	Access relocated to align with Gate Burton access location.	PSW	RR	JD

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

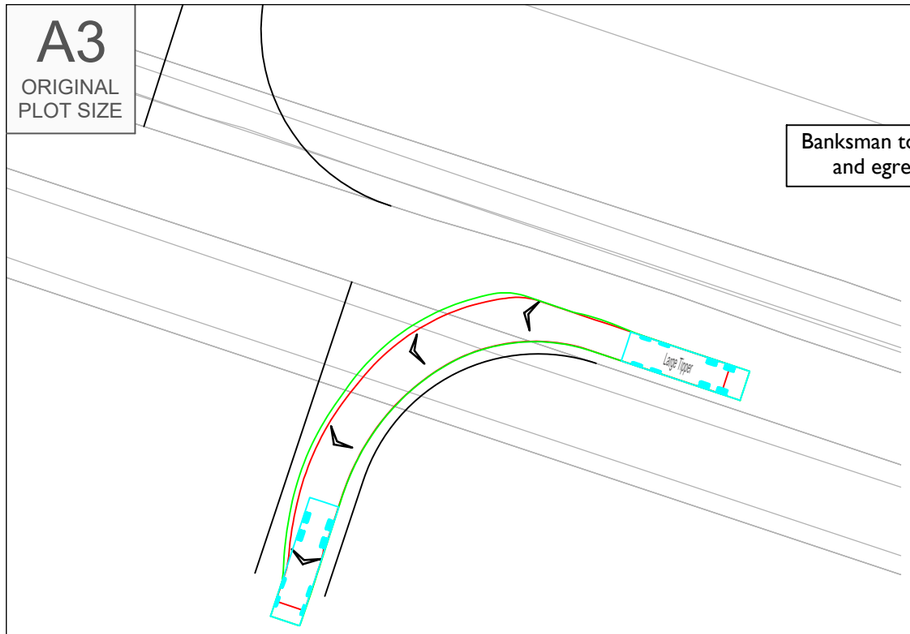
TITLE:
Cable Route Access Point 09

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

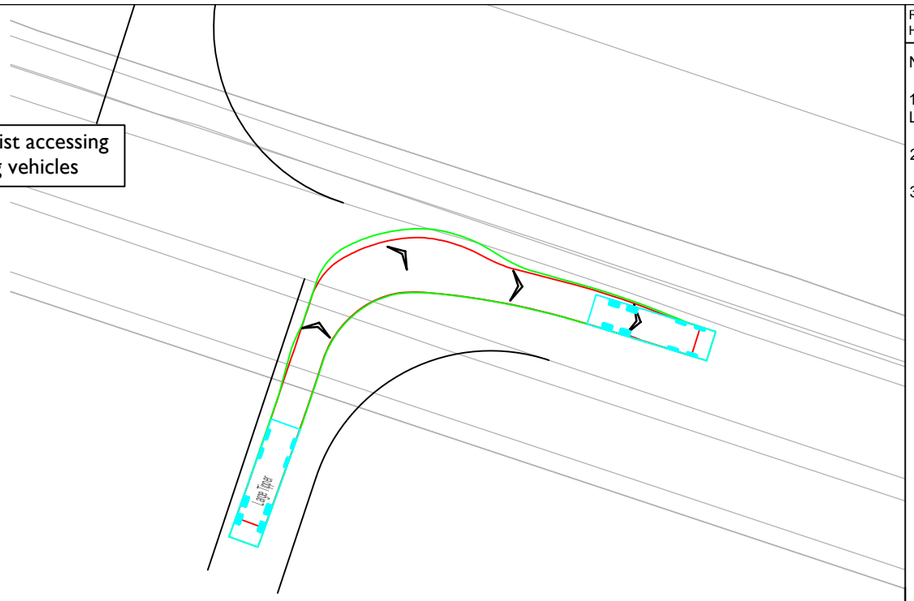
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 109	A

A3
ORIGINAL
PLOT SIZE



Tipper Vehicle Entering Site

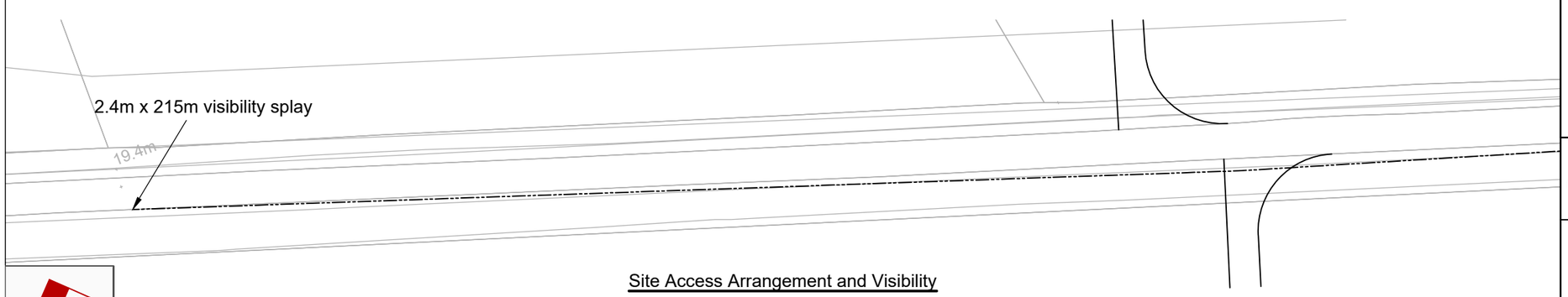
Scale 1:500



Tipper Vehicle Exiting Site

Scale 1:500

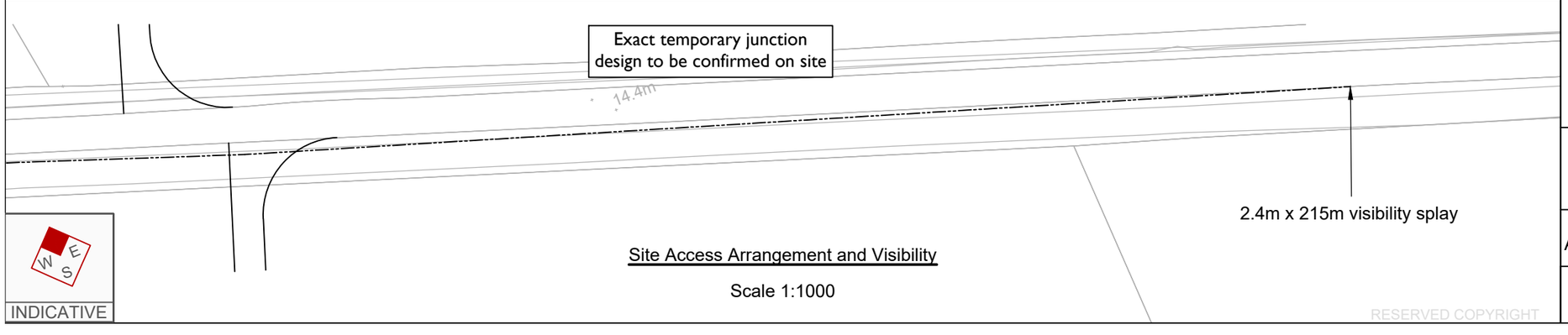
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

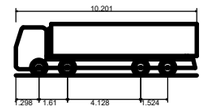
INDICATIVE

NOTES:

1. The existing posted speed limit on Stow Park Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	20.07.23	Access relocated to align with Gate Burton access location.	PSW	RR	JD

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

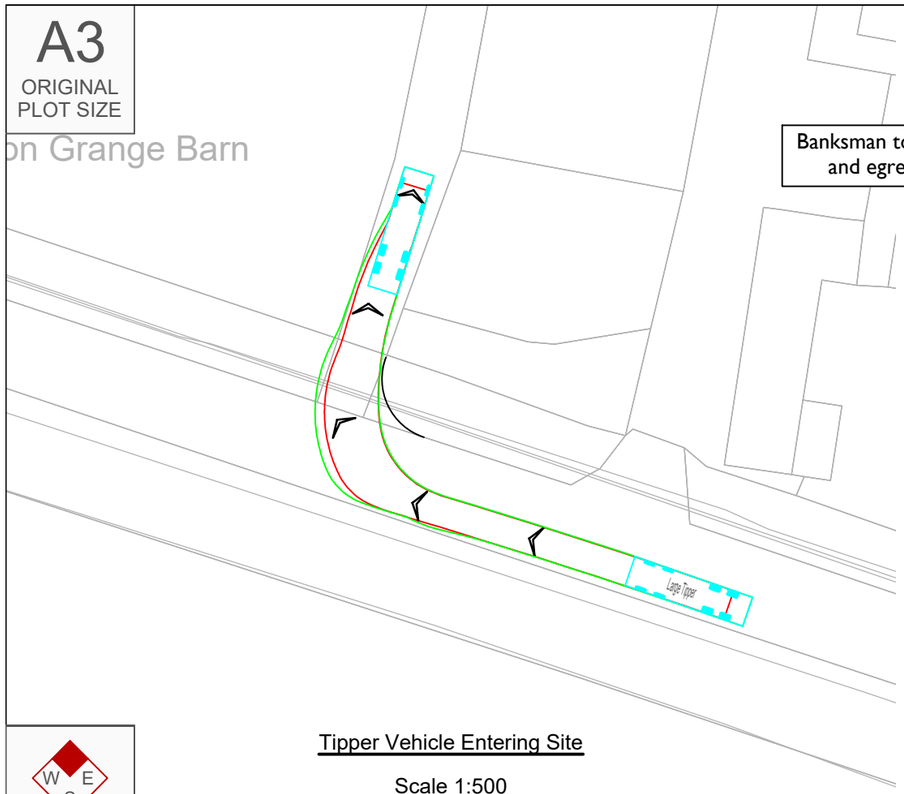
TITLE:
Cable Route Access Point 10

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

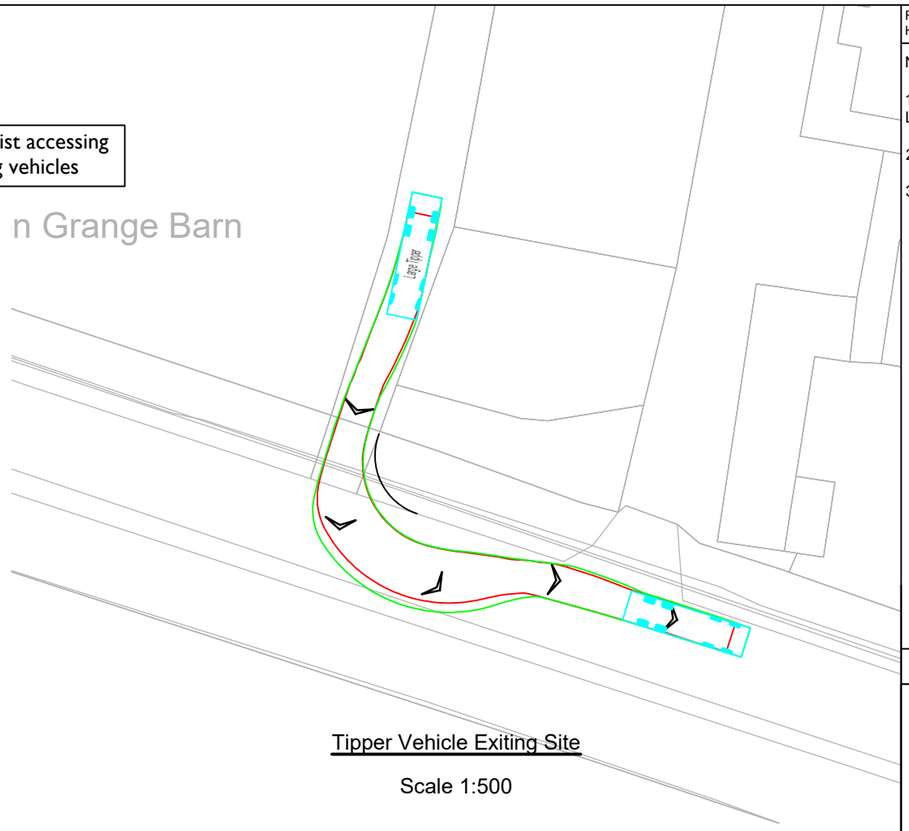
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 110	A

A3
ORIGINAL
PLOT SIZE



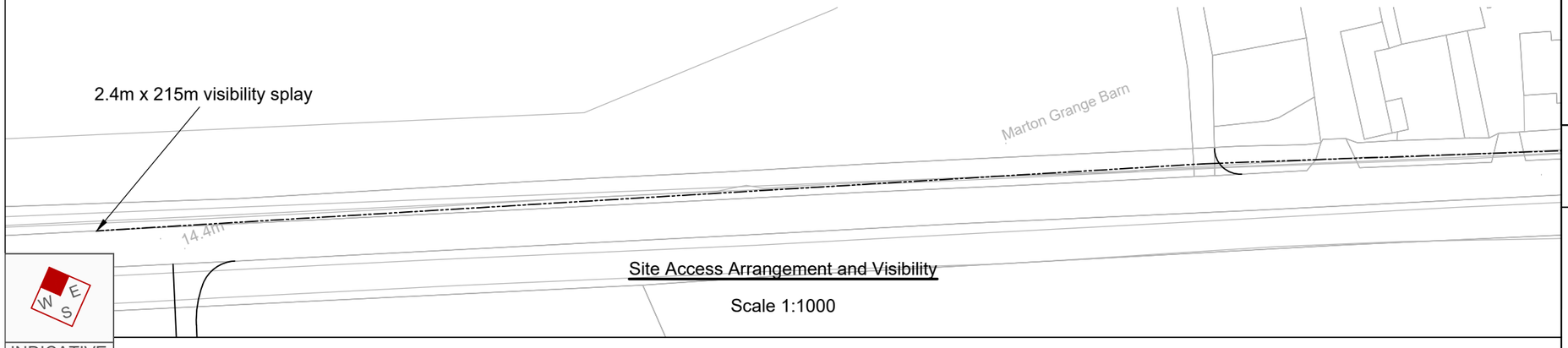
Tipper Vehicle Entering Site

Scale 1:500



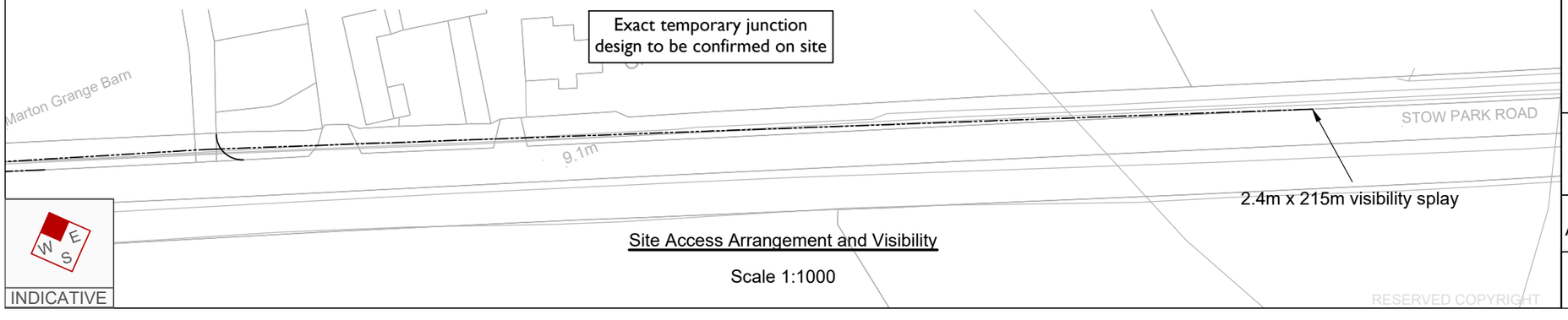
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

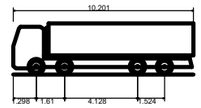
INDICATIVE

NOTES:

1. The existing posted speed limit on Stow Park Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

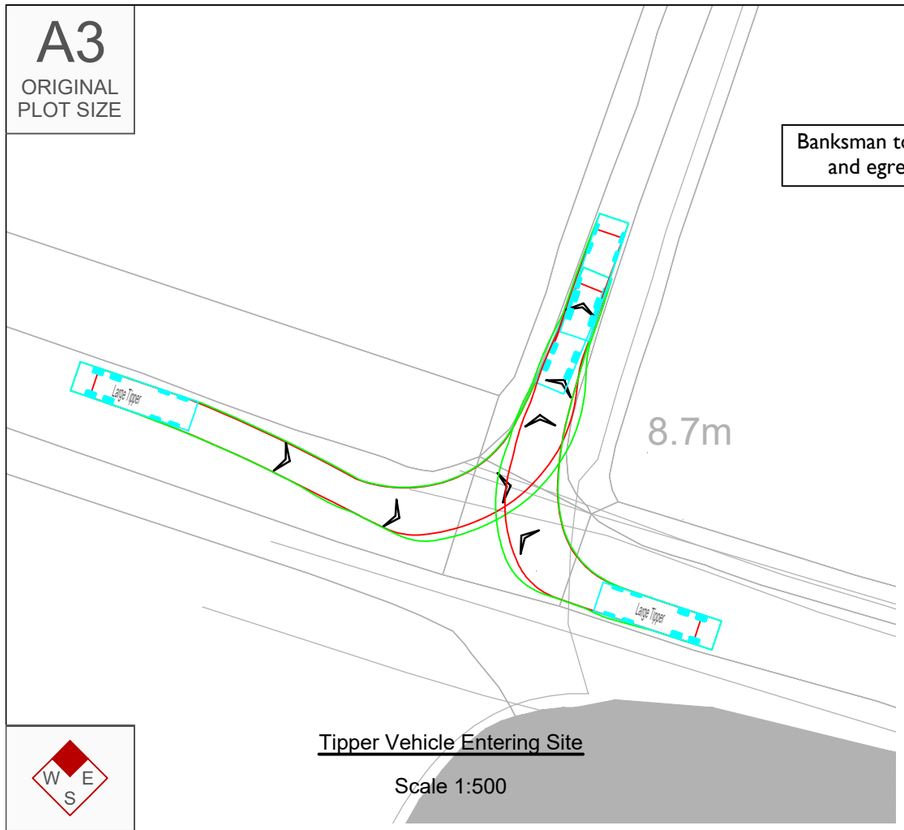
TITLE:
Cable Route Access Point 11

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 111	-

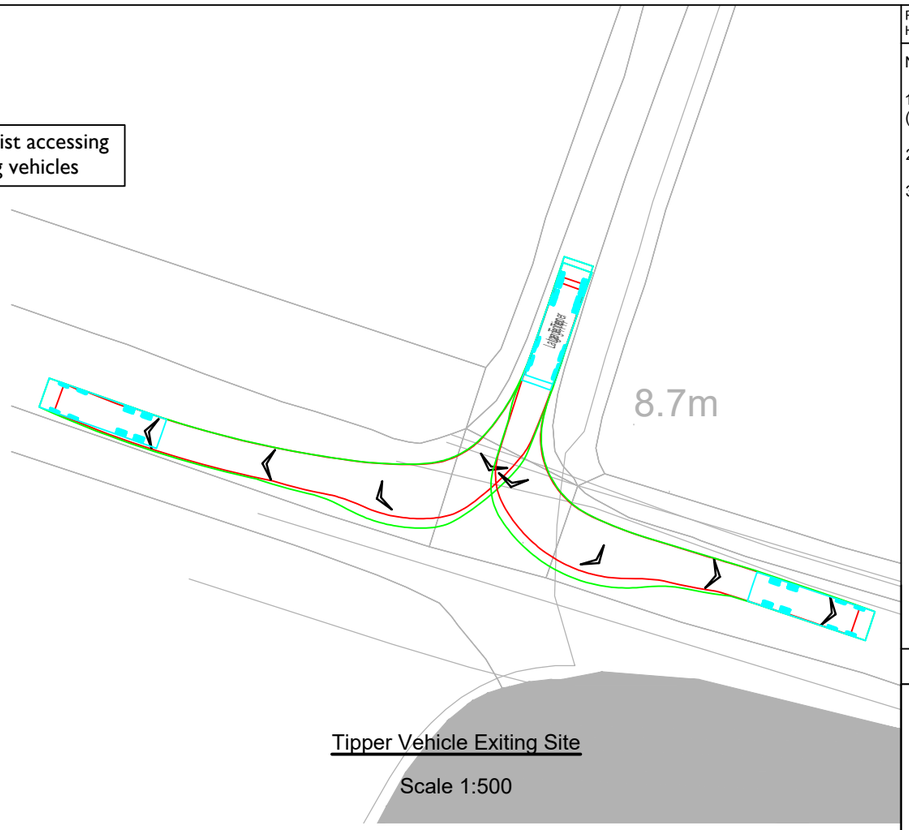
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

Tipper Vehicle Entering Site

Scale 1:500



Tipper Vehicle Exiting Site

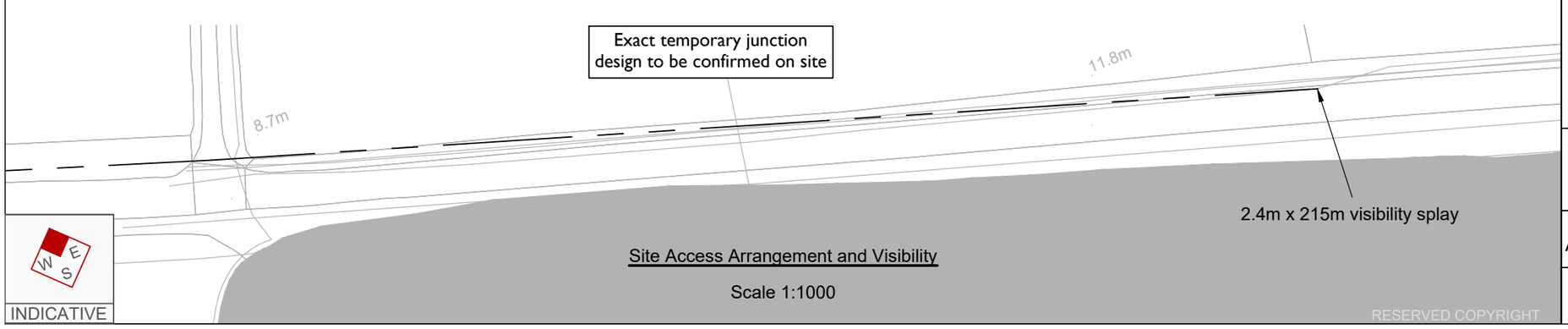
Scale 1:500

INDICATIVE

Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

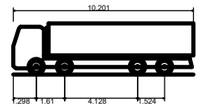
INDICATIVE

NOTES:

1. The existing posted speed limit on Till Bridge Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

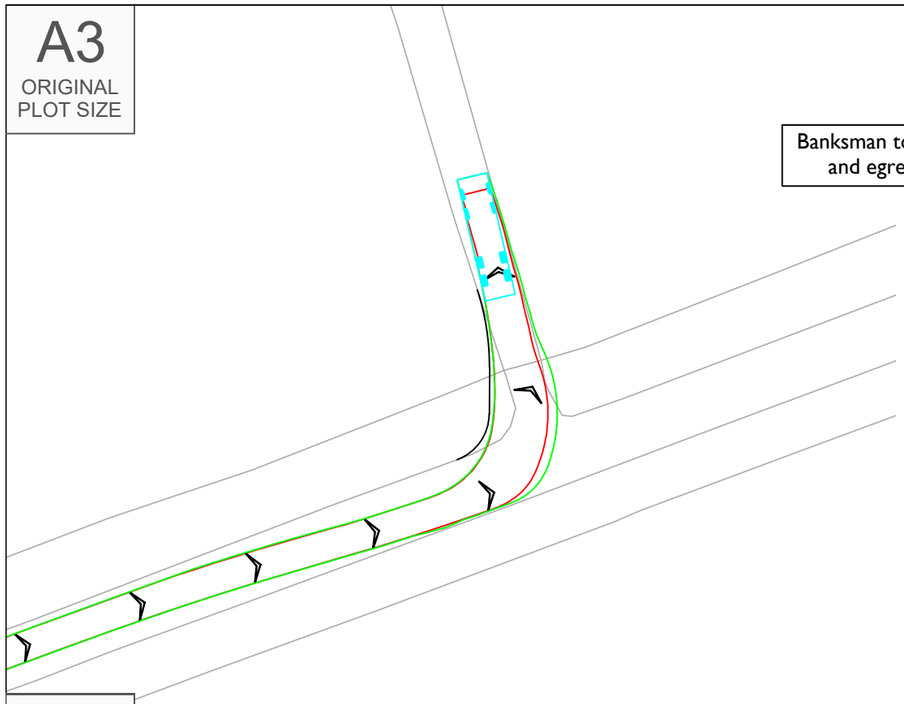
TITLE:
Cable Route Access Point 12

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 112	-

A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

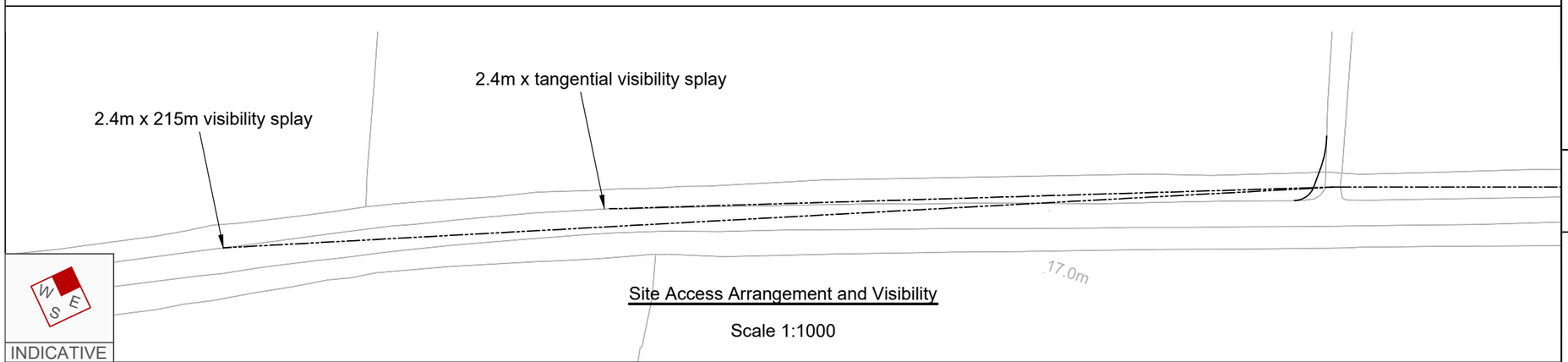
Tipper Vehicle Entering Site

Scale 1:500

Tipper Vehicle Exiting Site

Scale 1:500

INDICATIVE

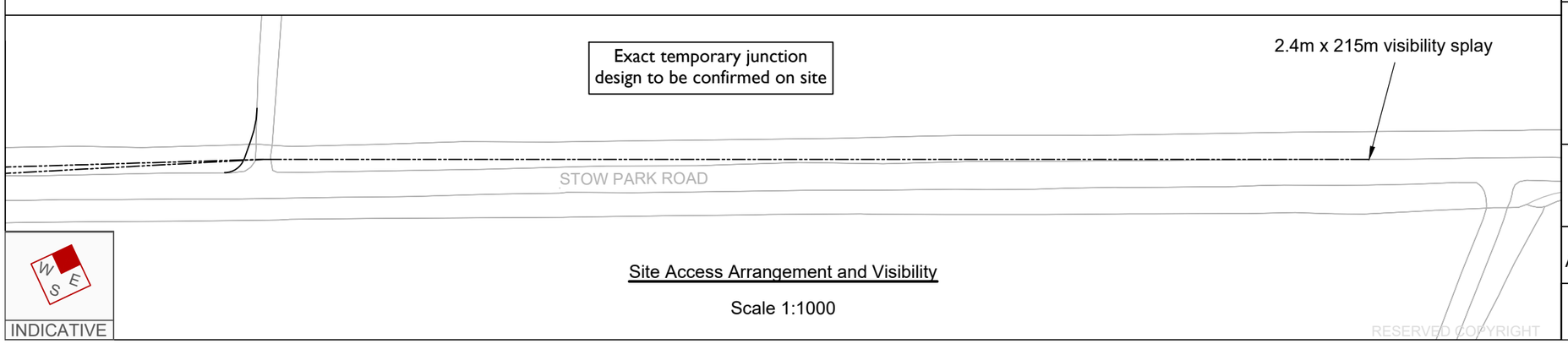


Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE

Exact temporary junction design to be confirmed on site



Site Access Arrangement and Visibility

Scale 1:1000

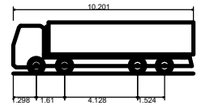
INDICATIVE

NOTES:

1. The existing posted speed limit on Stow Park Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

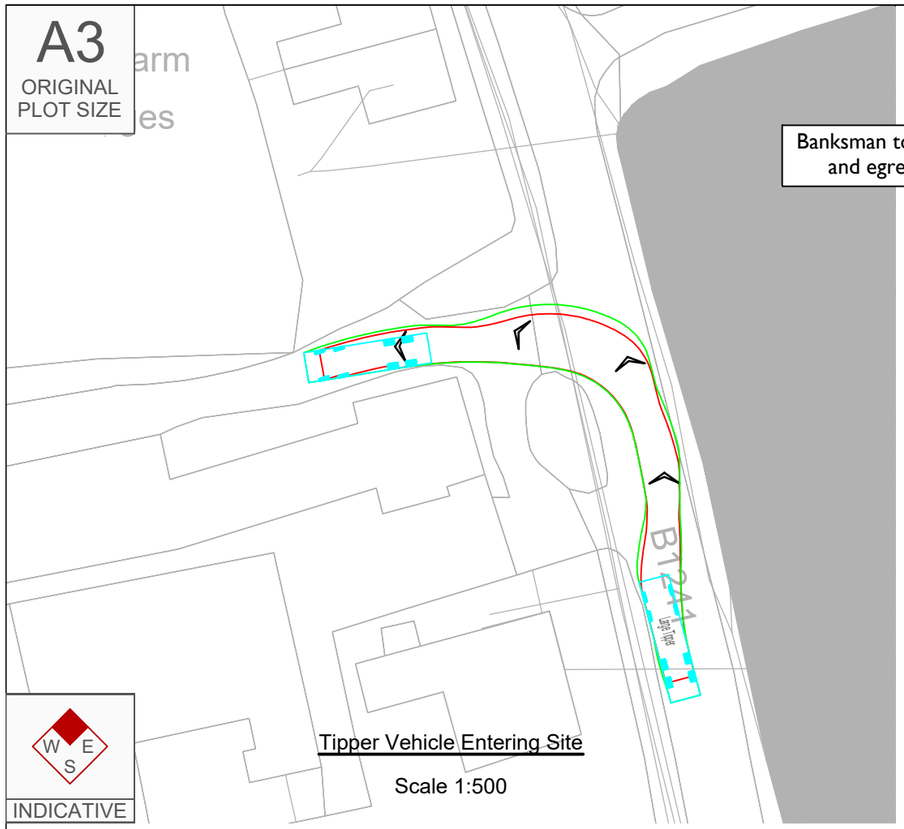
TITLE:
Cable Route Access Point 13

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 113	-

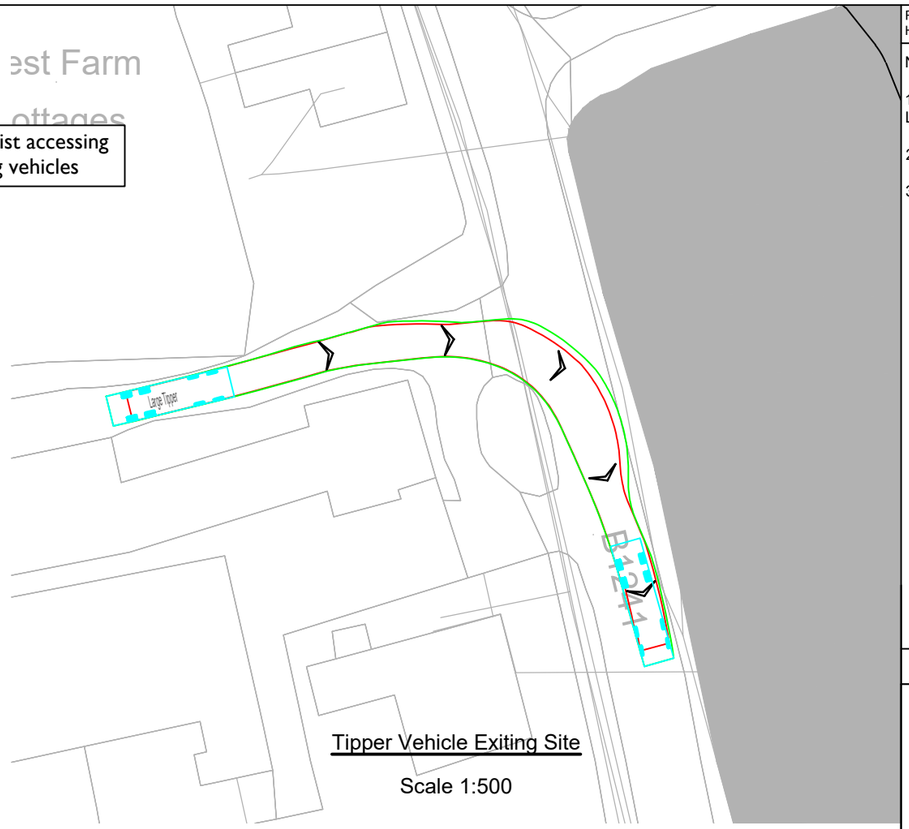
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

Tipper Vehicle Entering Site

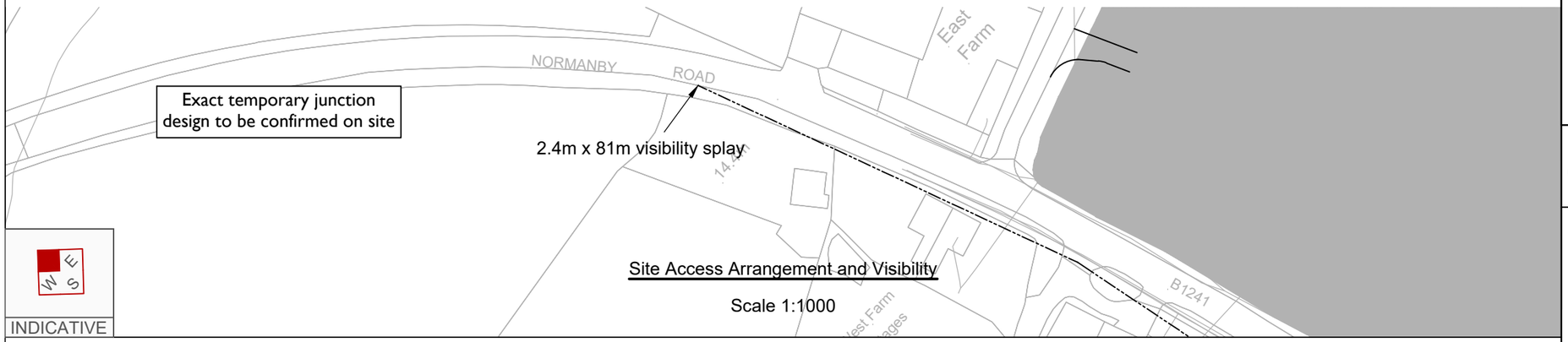
Scale 1:500



Tipper Vehicle Exiting Site

Scale 1:500

INDICATIVE



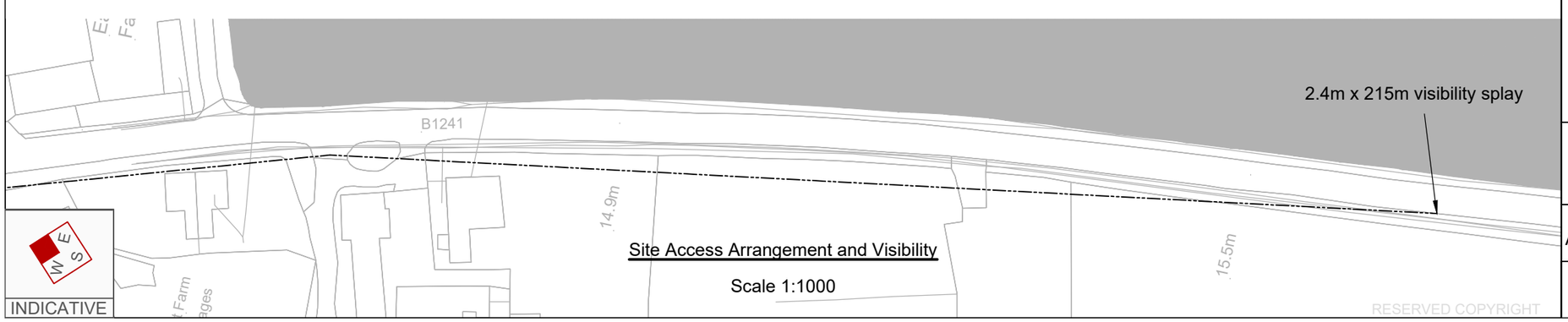
Exact temporary junction design to be confirmed on site

2.4m x 81m visibility splay

Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



2.4m x 215m visibility splay

Site Access Arrangement and Visibility

Scale 1:1000

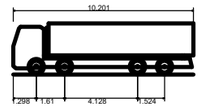
INDICATIVE

NOTES:

1. The existing posted speed limit on Normanby Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 14

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	14.12.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 114	-

A3
ORIGINAL
PLOT SIZE

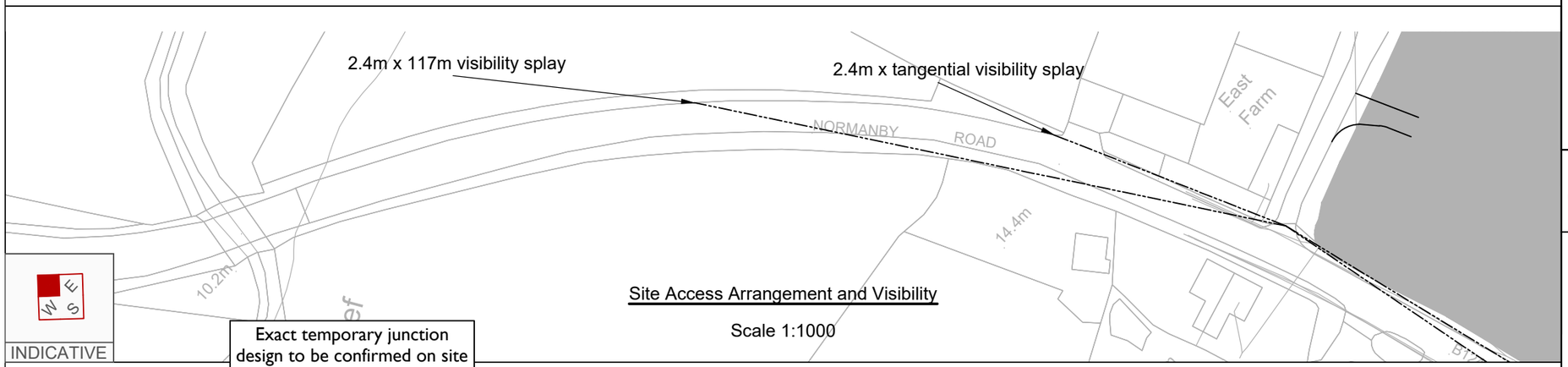
Tipper Vehicle Entering Site

Scale 1:500

Tipper Vehicle Exiting Site

Scale 1:500

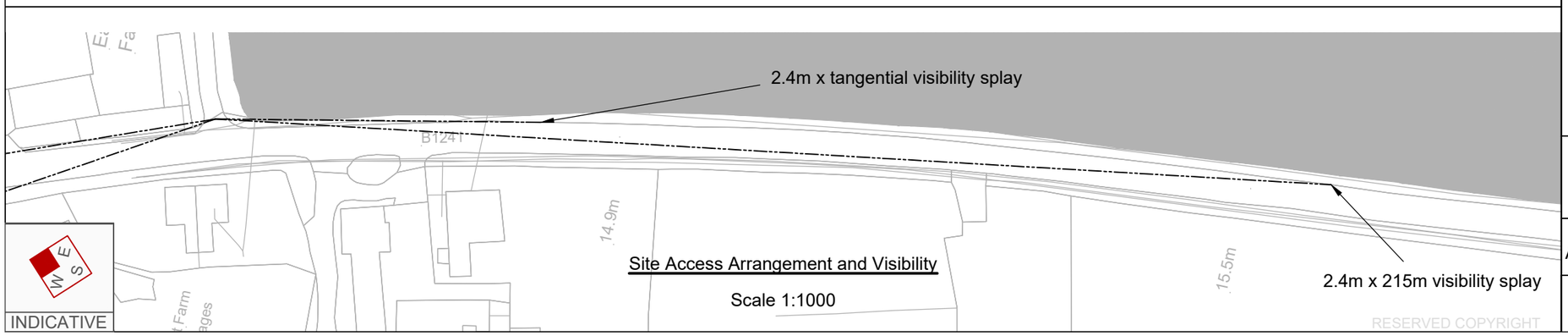
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

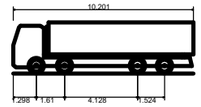
INDICATIVE

NOTES:

1. The existing posted speed limit on Normanby Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 15

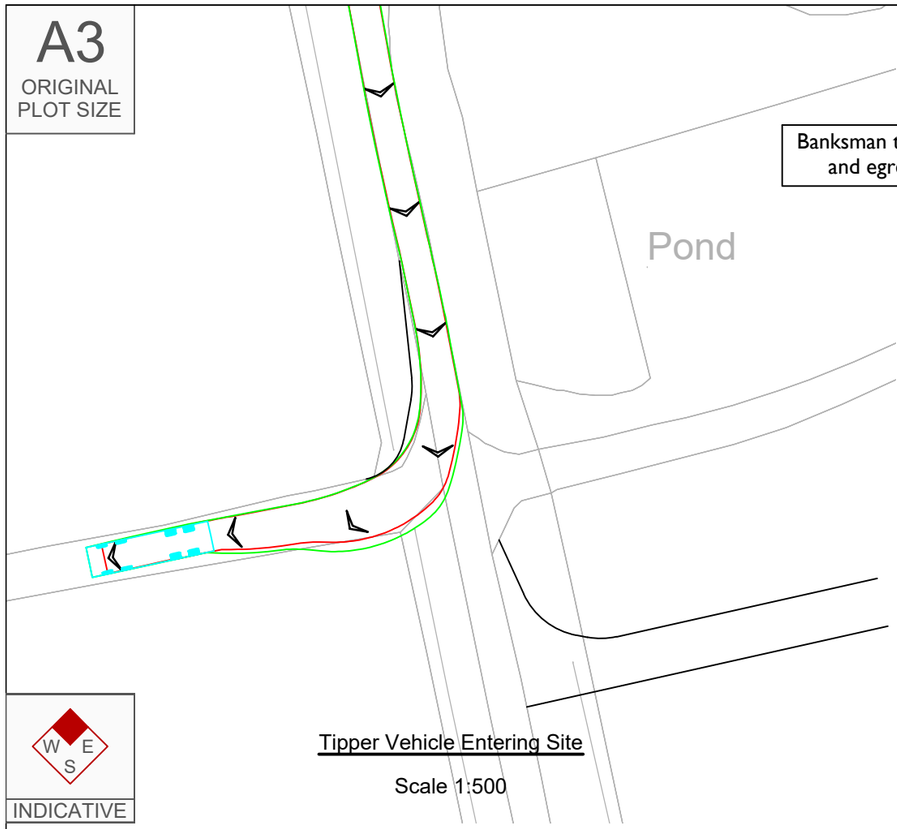
STATUS:

INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

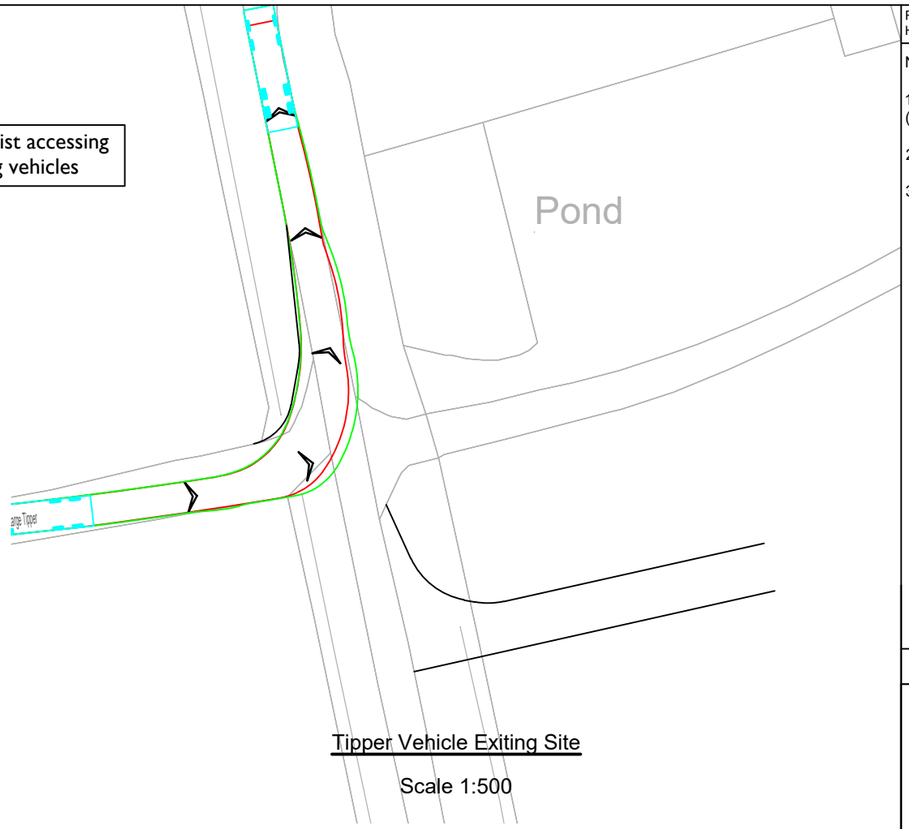
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 115	-

A3
ORIGINAL
PLOT SIZE



Tipper Vehicle Entering Site

Scale 1:500

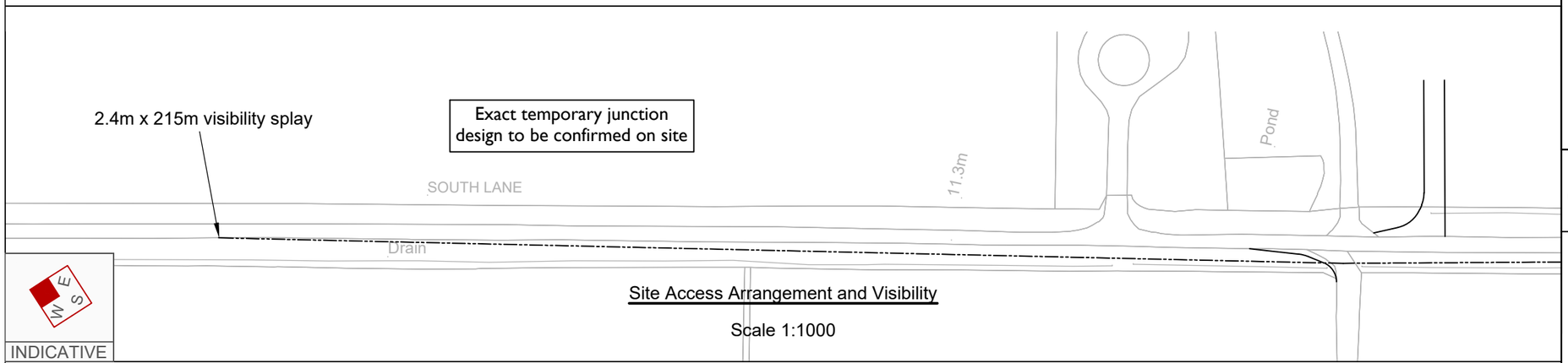


Tipper Vehicle Exiting Site

Scale 1:500

W E S

INDICATIVE

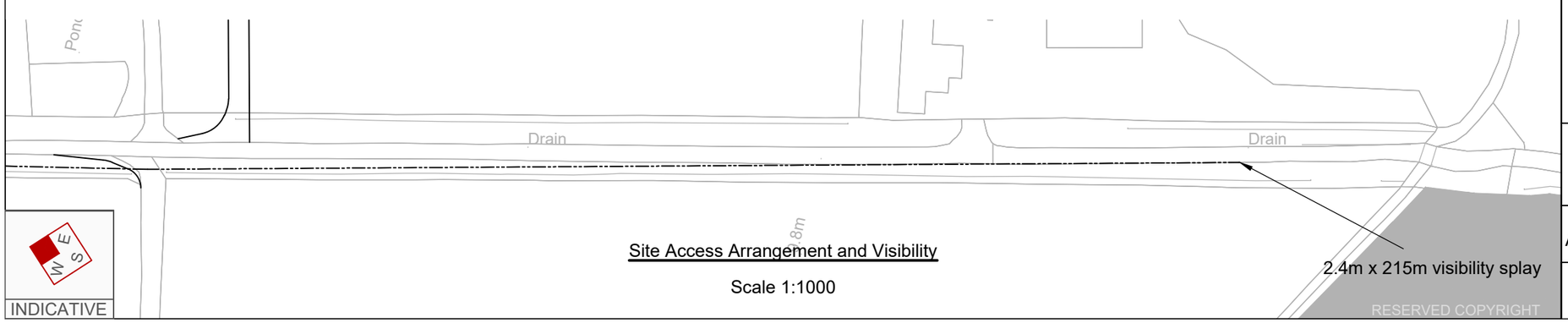


Site Access Arrangement and Visibility

Scale 1:1000

W E S

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

W E S

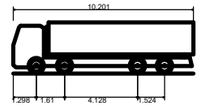
INDICATIVE

NOTES:

1. The existing posted speed limit on South Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 16

STATUS:

INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 116	-

A3
ORIGINAL
PLOT SIZE

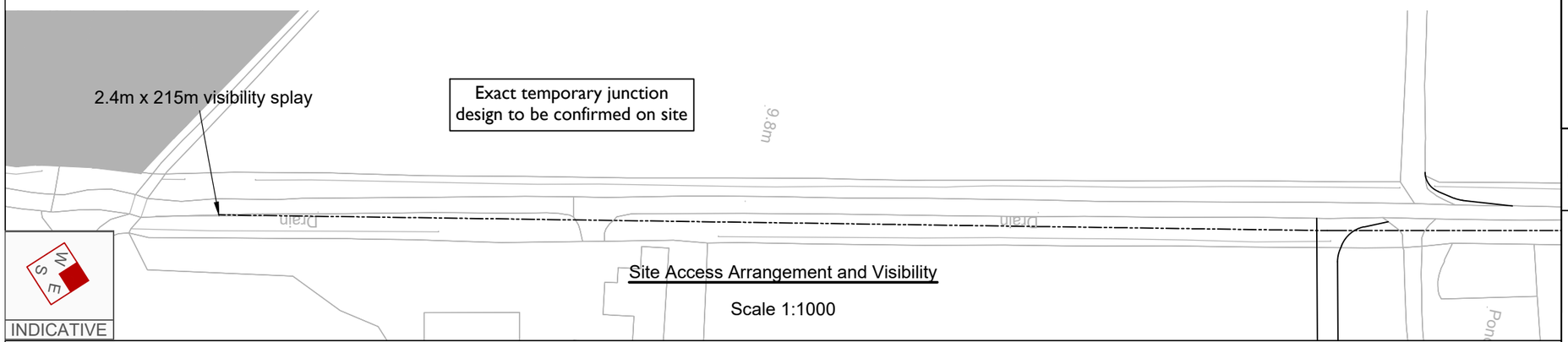
Tipper Vehicle Entering Site

Scale 1:500

Tipper Vehicle Exiting Site

Scale 1:500

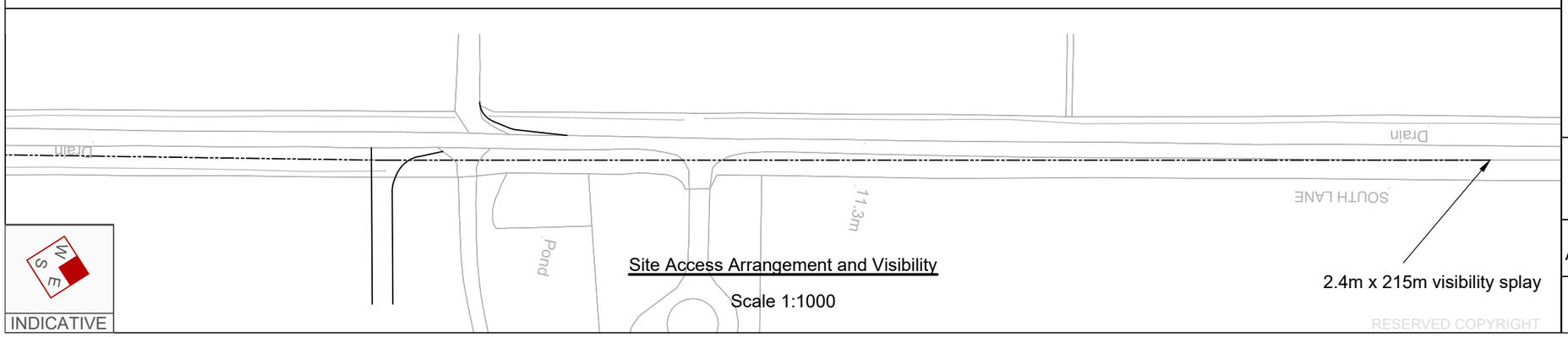
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

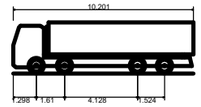
INDICATIVE

NOTES:

1. The existing posted speed limit on South Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 17

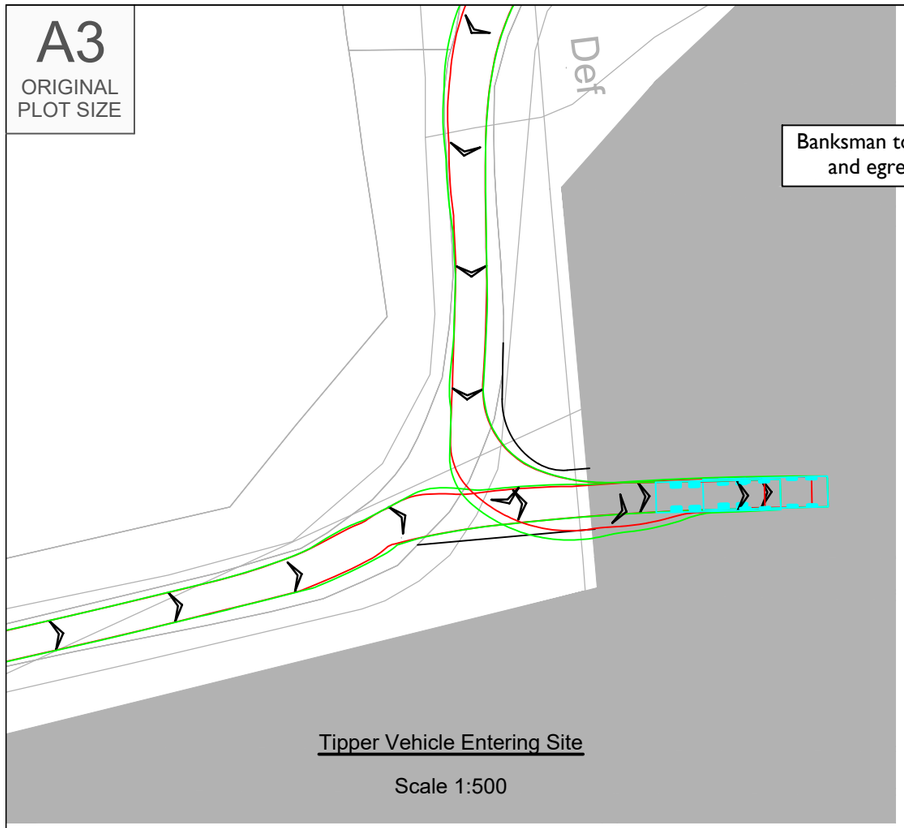
STATUS:

INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 117	-

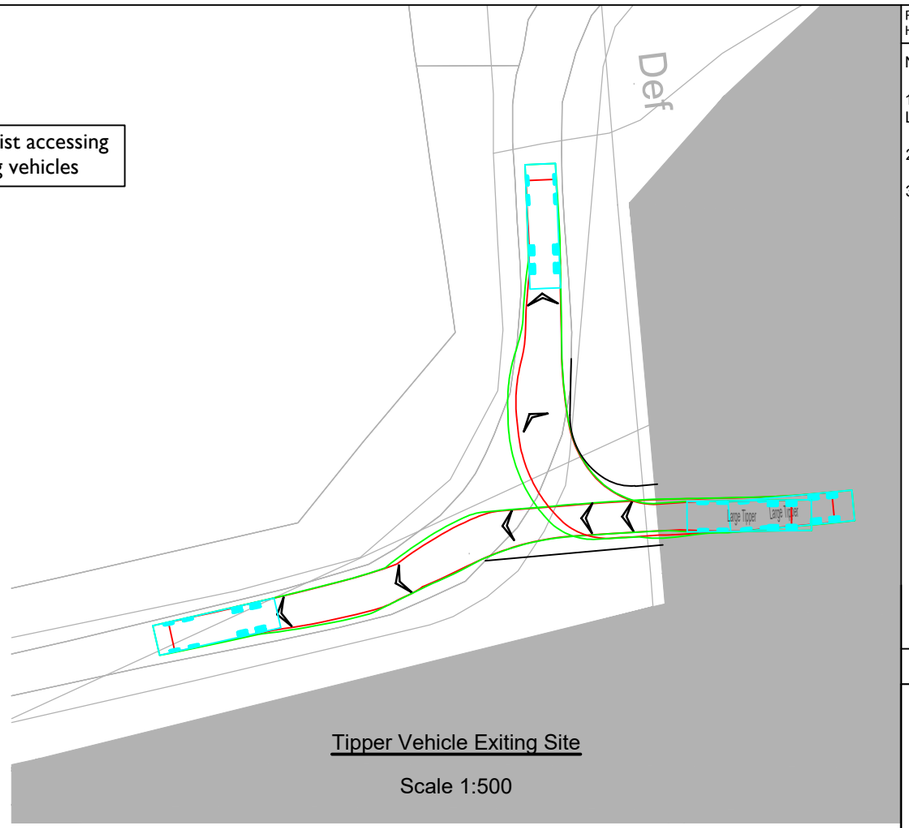
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

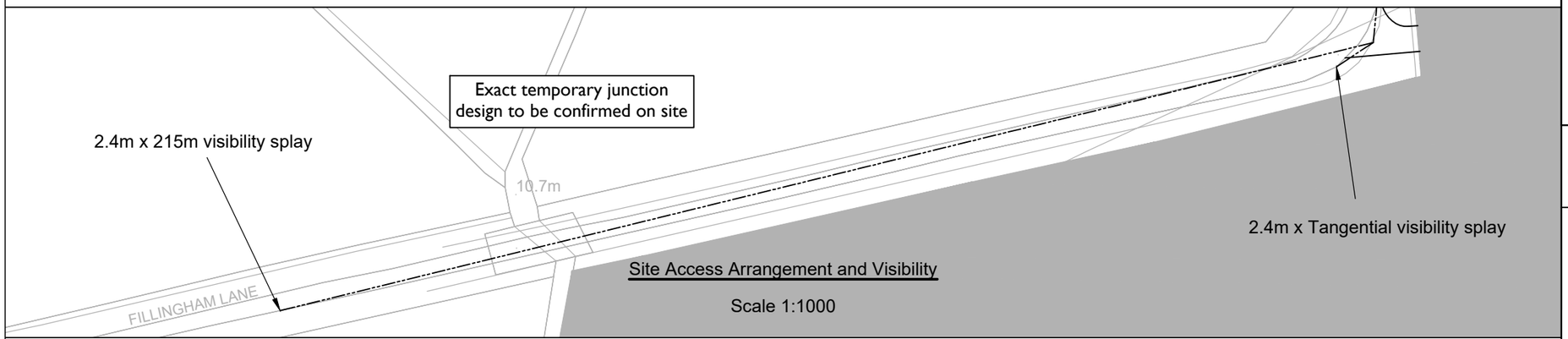
Tipper Vehicle Entering Site

Scale 1:500



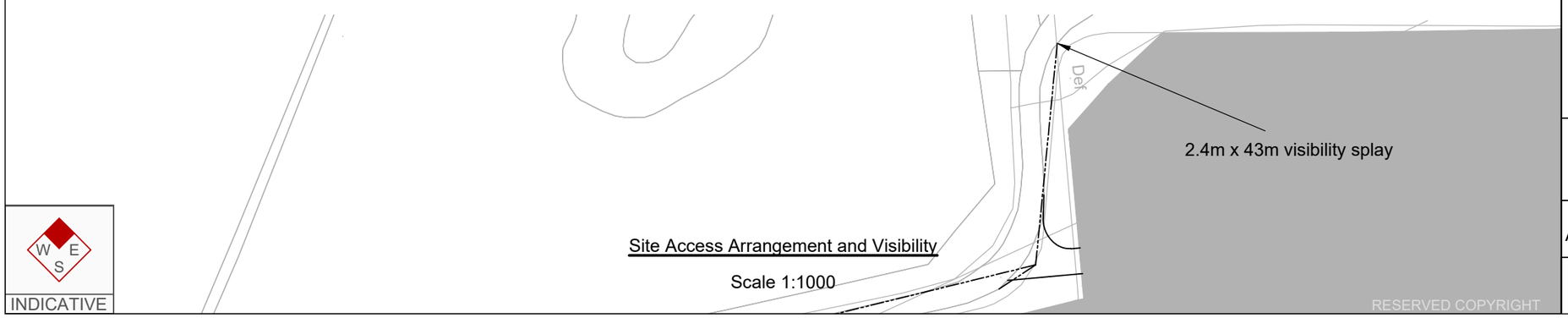
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

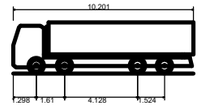
INDICATIVE

NOTES:

1. The existing posted speed limit on Fillingham Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

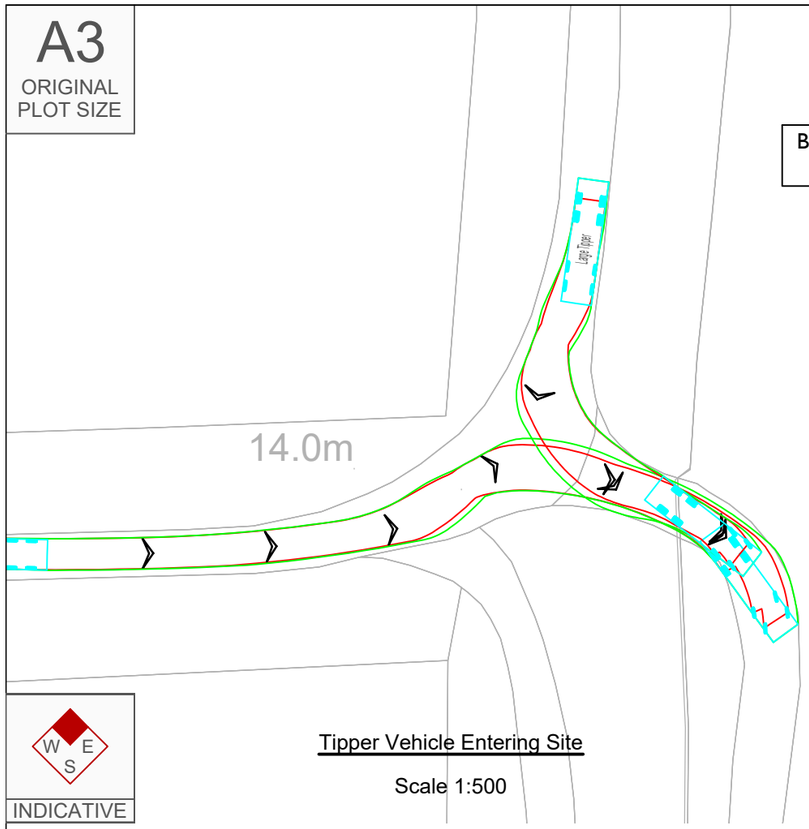
TITLE:
Cable Route Access Point 18

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	14.12.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 118	-

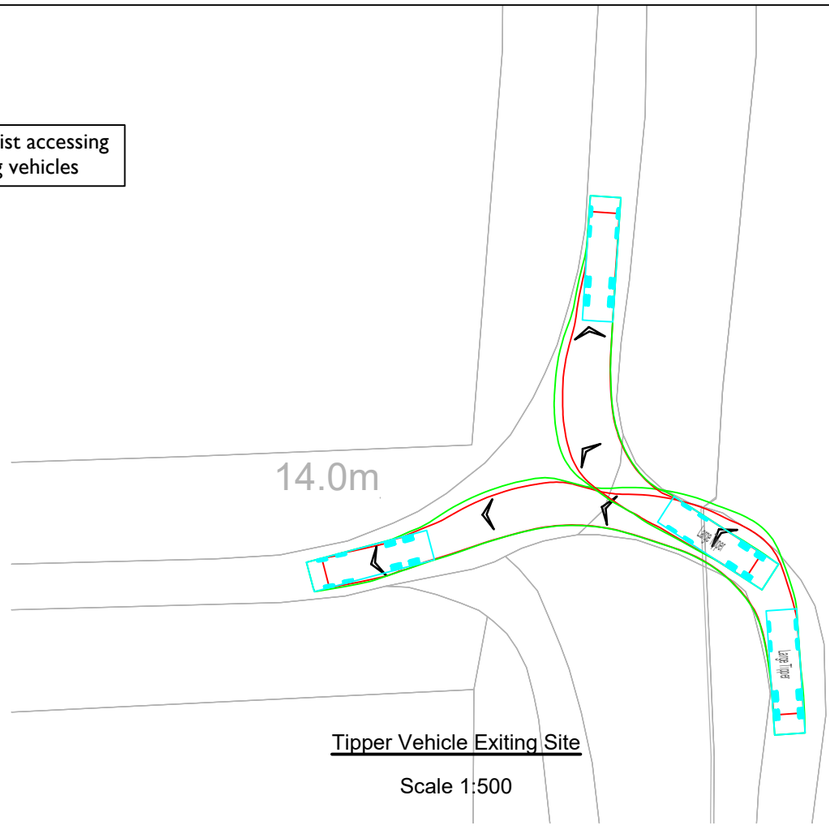
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

Tipper Vehicle Entering Site

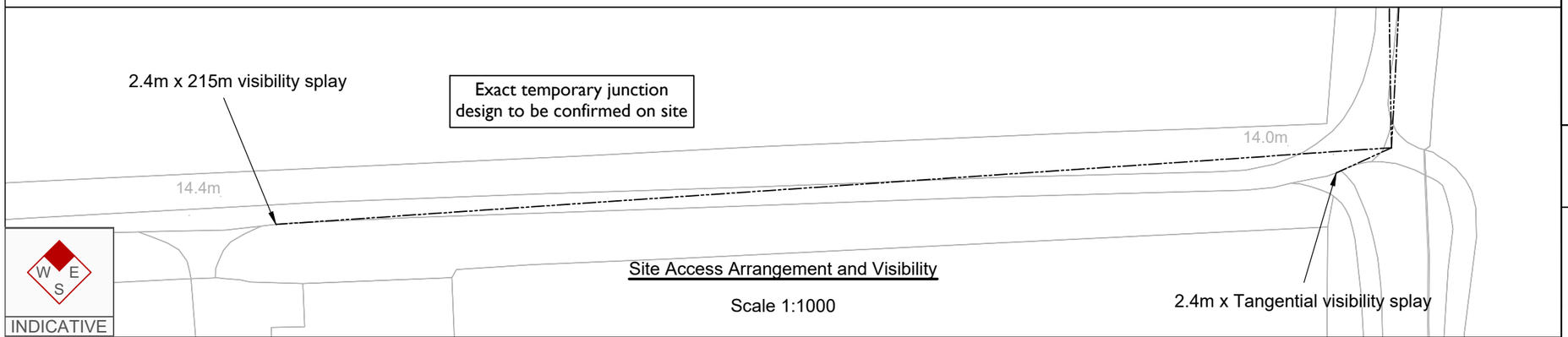
Scale 1:500



Tipper Vehicle Exiting Site

Scale 1:500

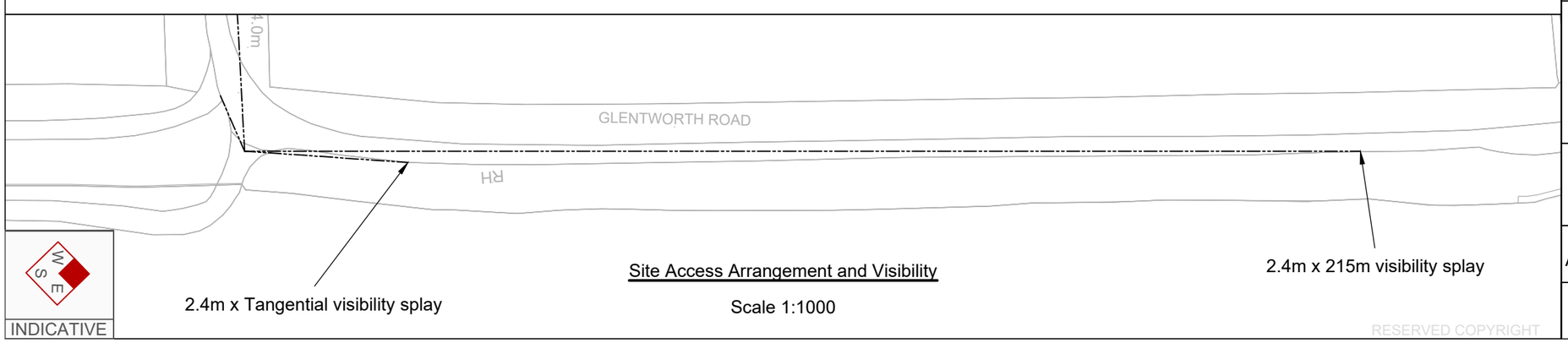
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

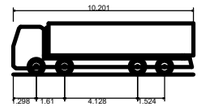
INDICATIVE

NOTES:

1. The existing posted speed limit on Glentworth Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 19

STATUS:
INFORMATION

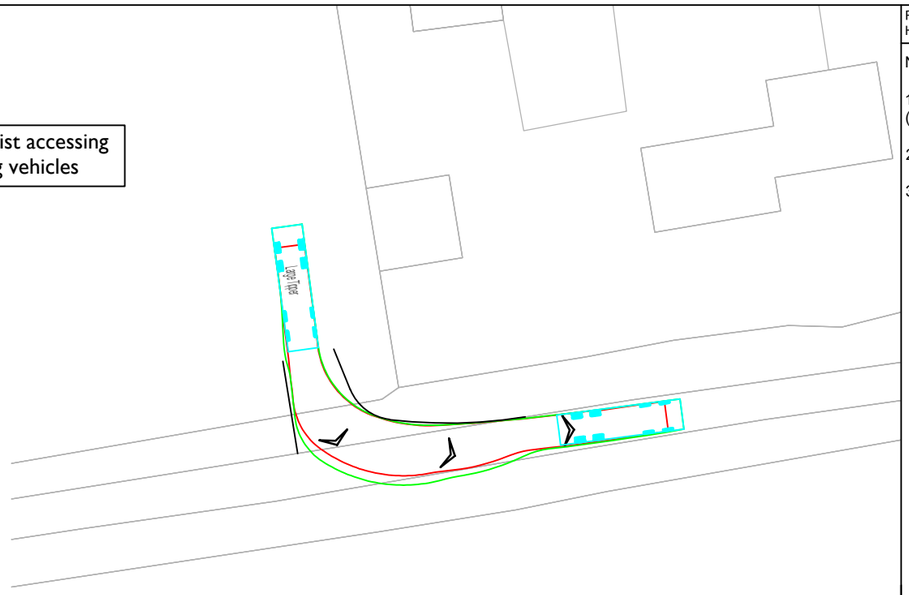
SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 119	-

A3
ORIGINAL
PLOT SIZE

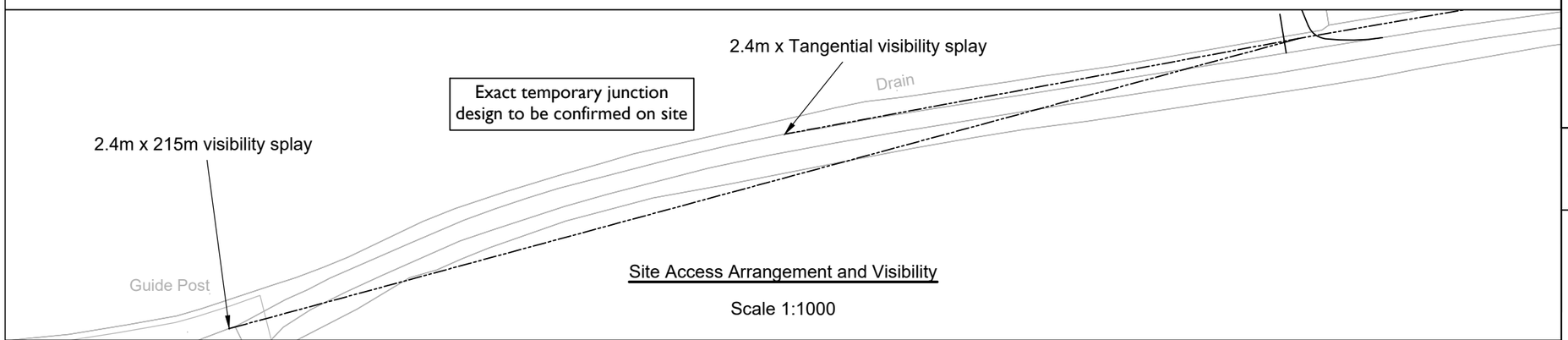
Tipper Vehicle Entering Site

Scale 1:500



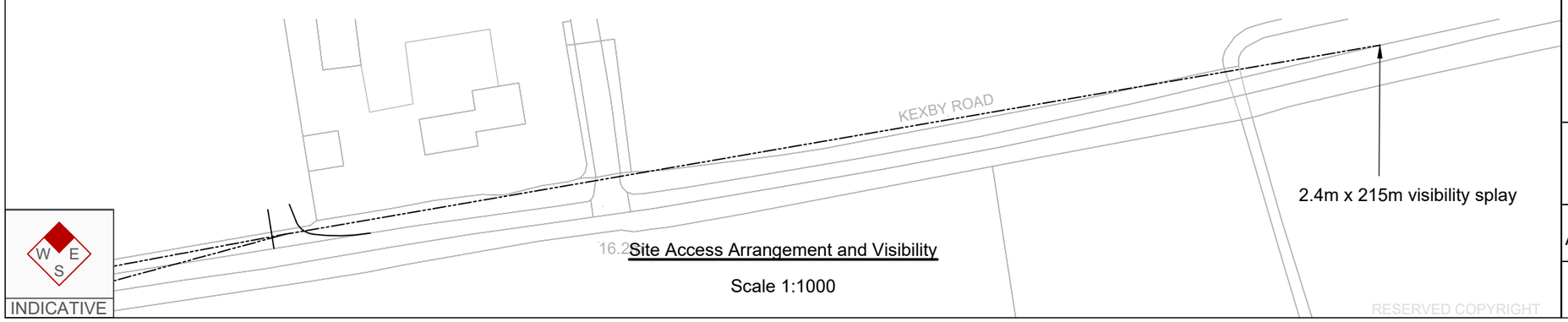
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

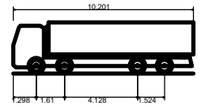
INDICATIVE

NOTES:

1. The existing posted speed limit on Kexby Road is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

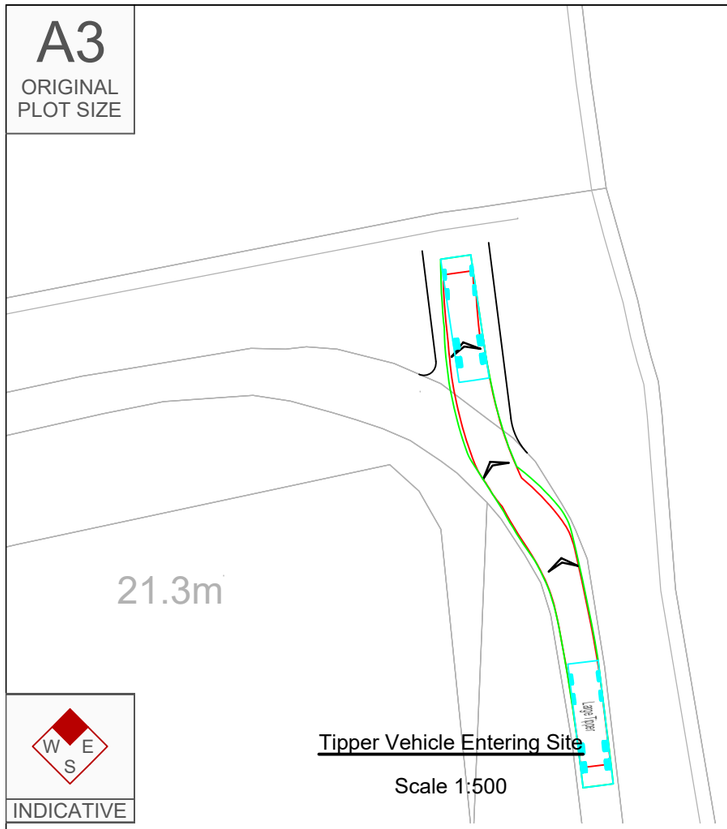
TITLE:
Cable Route Access Point 20

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 120	-

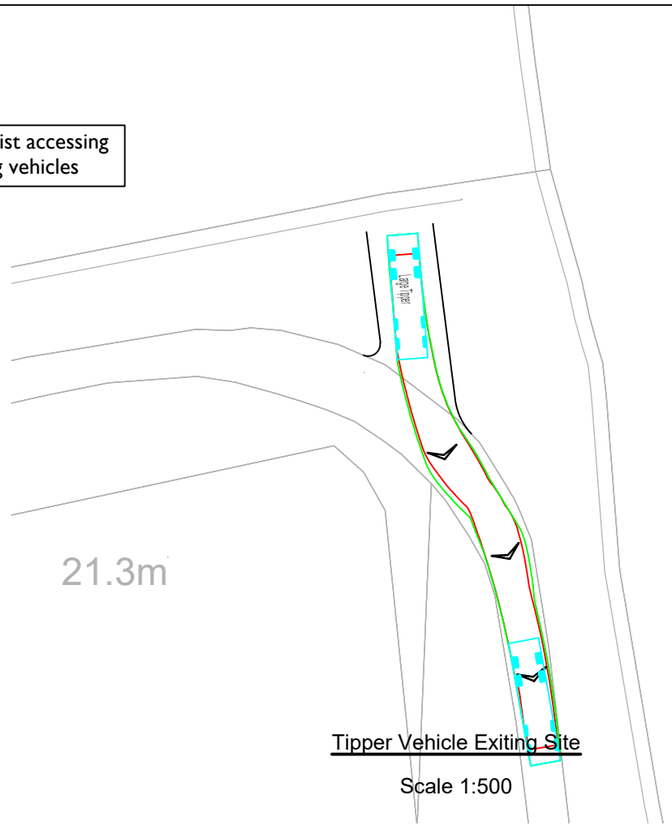
A3
ORIGINAL
PLOT SIZE



Banksman to assist accessing and egressing vehicles

Tipper Vehicle Entering Site

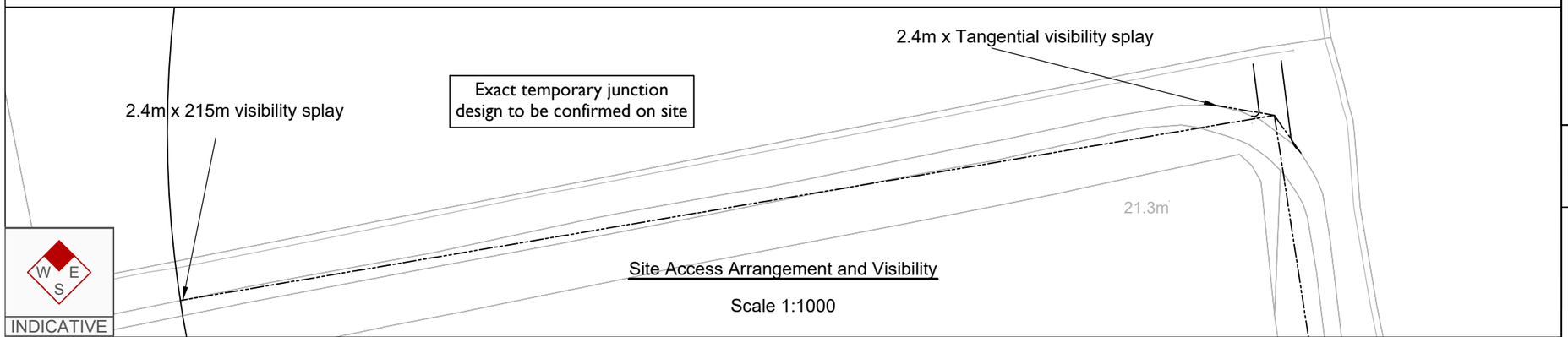
Scale 1:500



Tipper Vehicle Exiting Site

Scale 1:500

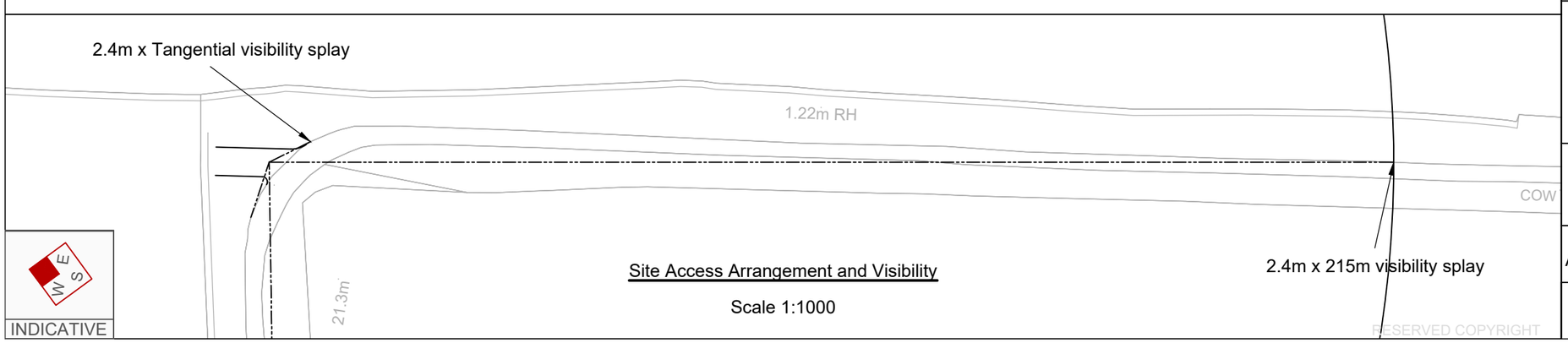
INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

INDICATIVE



Site Access Arrangement and Visibility

Scale 1:1000

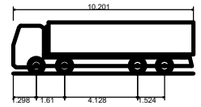
INDICATIVE

NOTES:

1. The existing posted speed limit on Cow Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 21

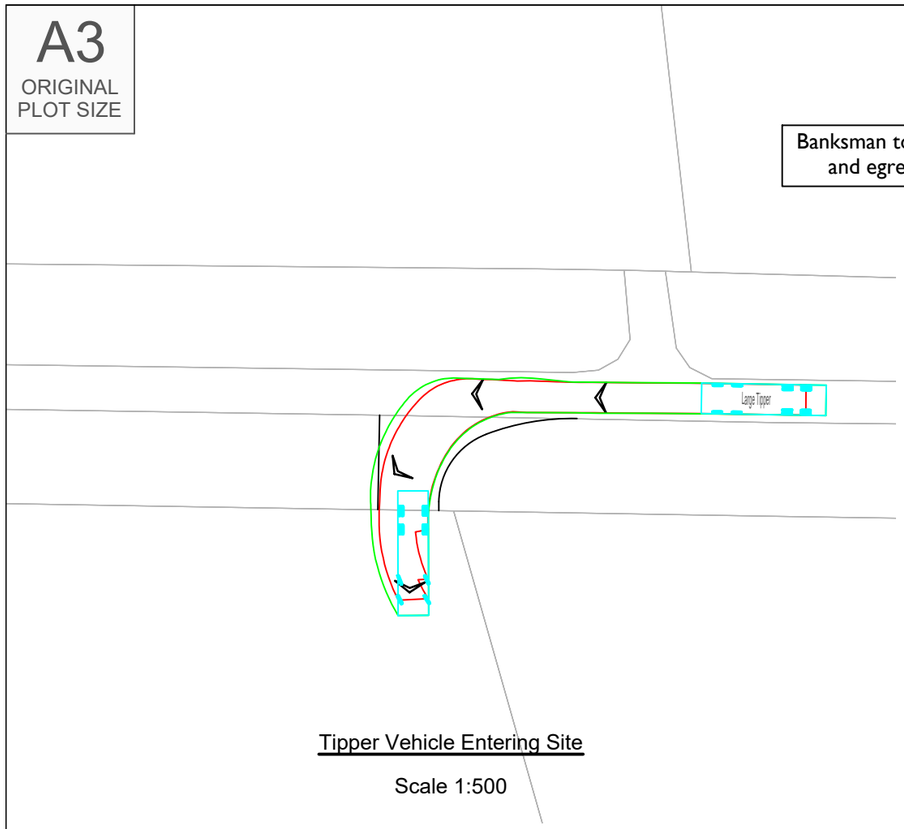
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	14.12.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 121	-

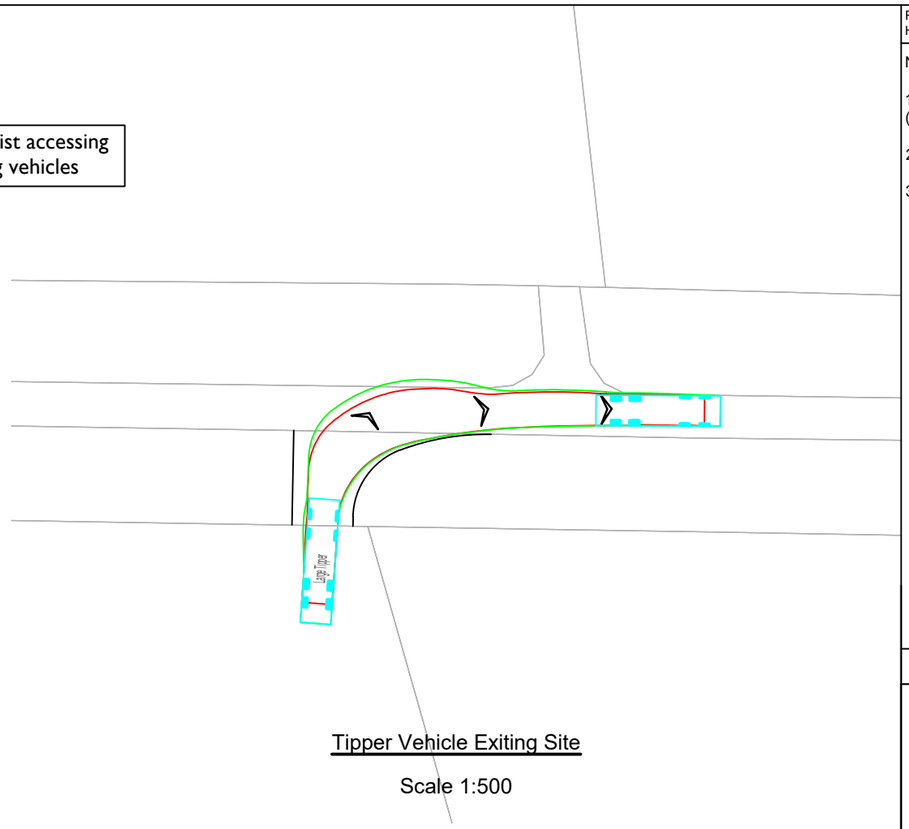
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



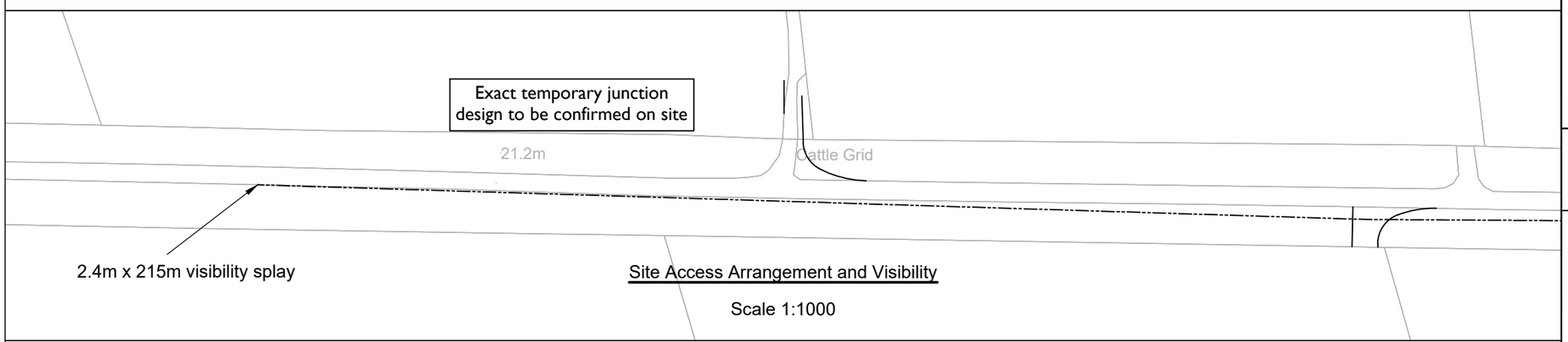
Tipper Vehicle Entering Site

Scale 1:500



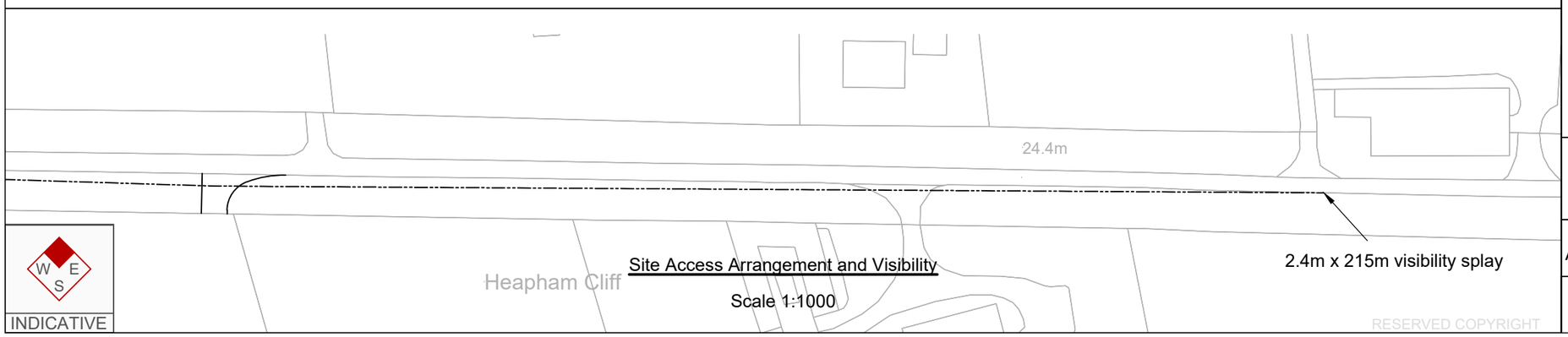
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

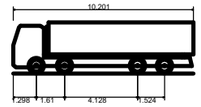
INDICATIVE

NOTES:

1. The existing posted speed limit on Common Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 22

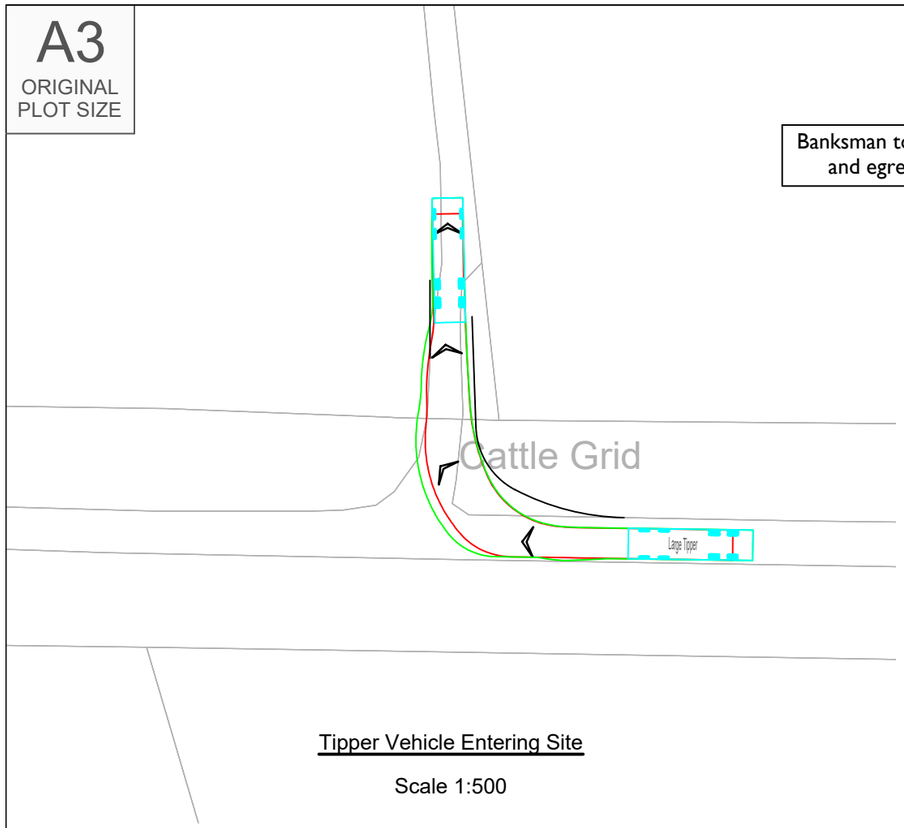
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 122	-

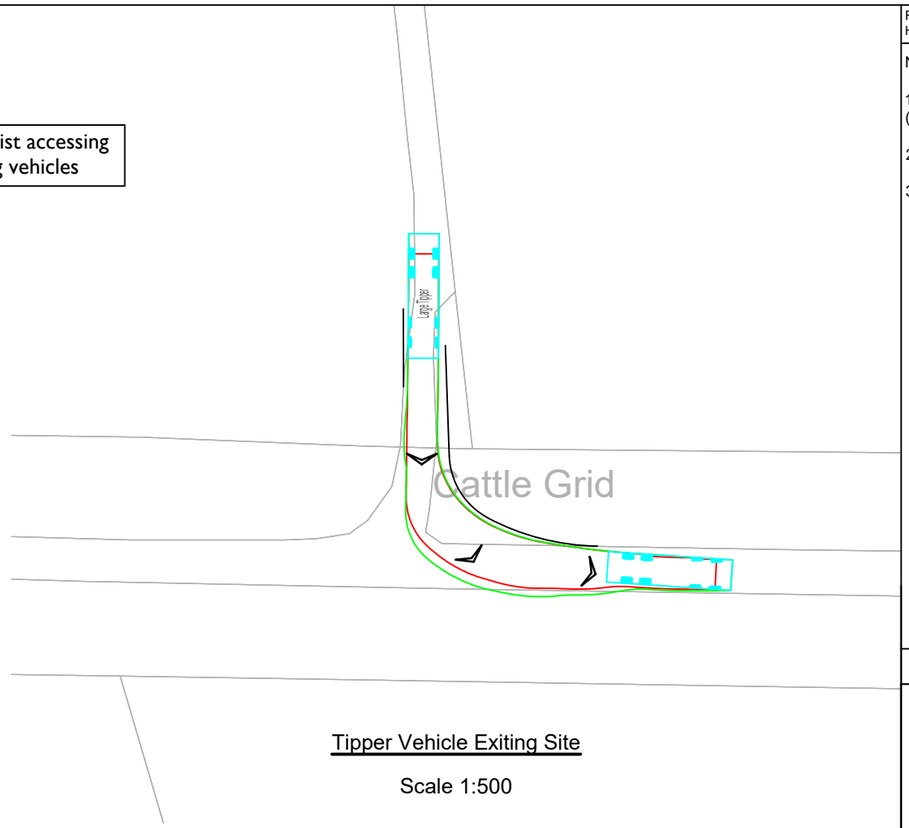
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

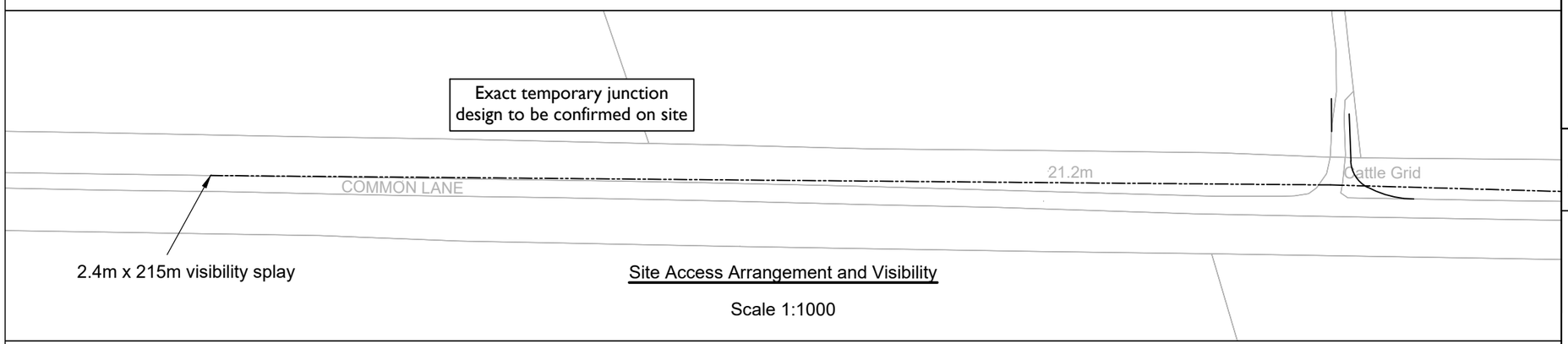
Scale 1:500



Tipper Vehicle Exiting Site

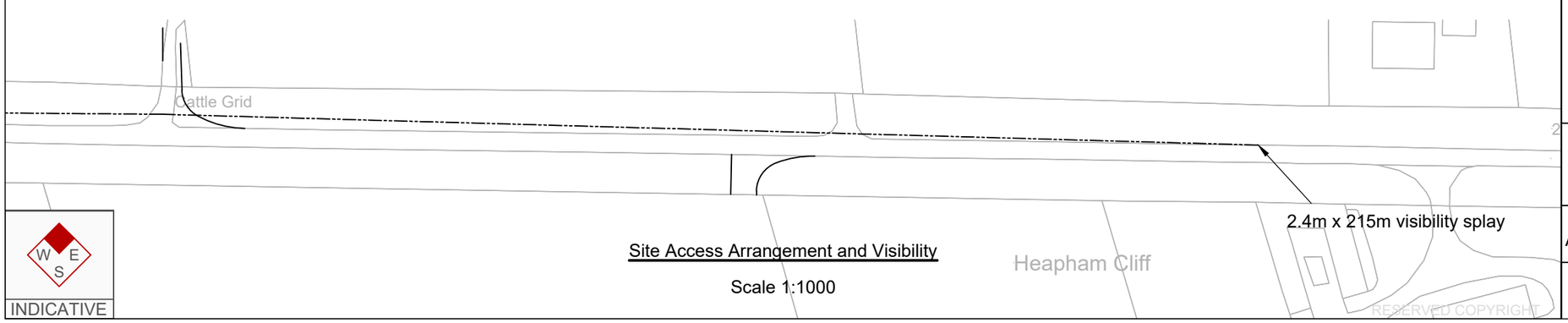
Scale 1:500

Exact temporary junction design to be confirmed on site



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

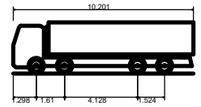
INDICATIVE

NOTES:

1. The existing posted speed limit on Common Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 23

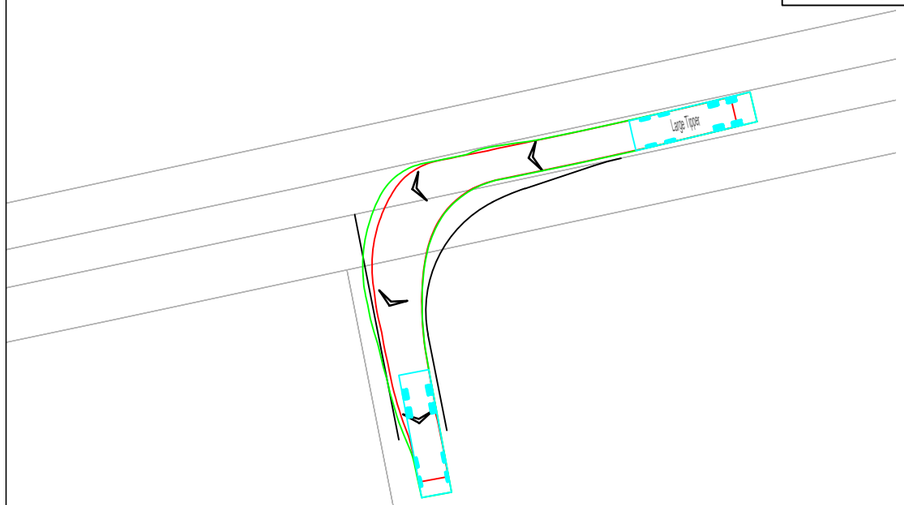
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 123	-

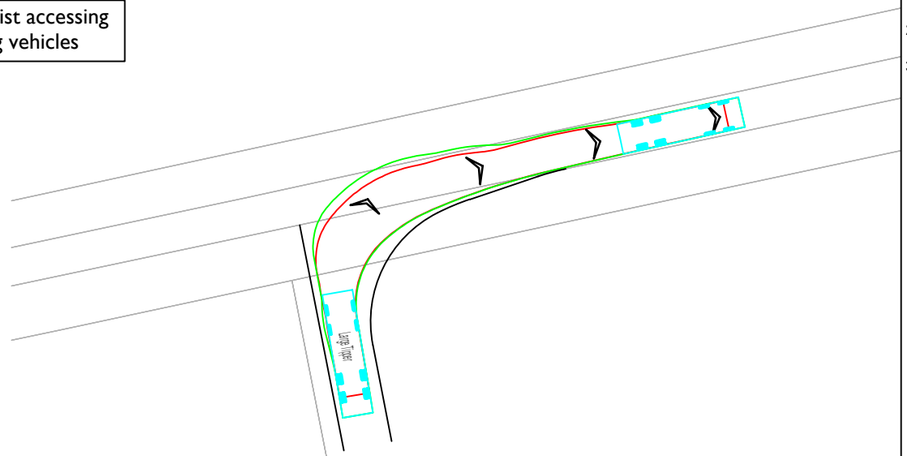
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



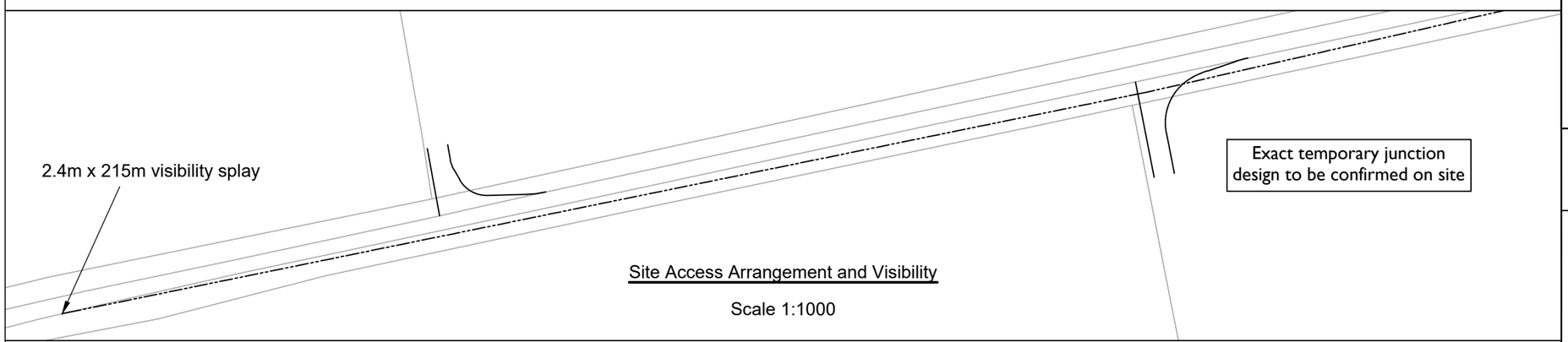
Tipper Vehicle Entering Site

Scale 1:500



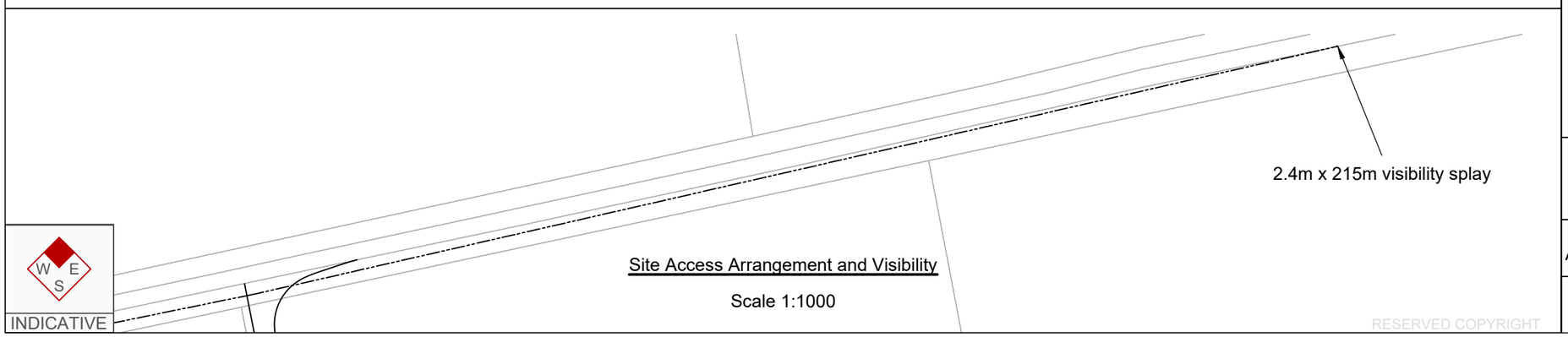
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

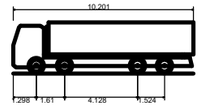
INDICATIVE

NOTES:

1. The existing posted speed limit on School Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
A	16.10.23	Access moved east to coincide with existing field access.	PSW	RR	JD

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

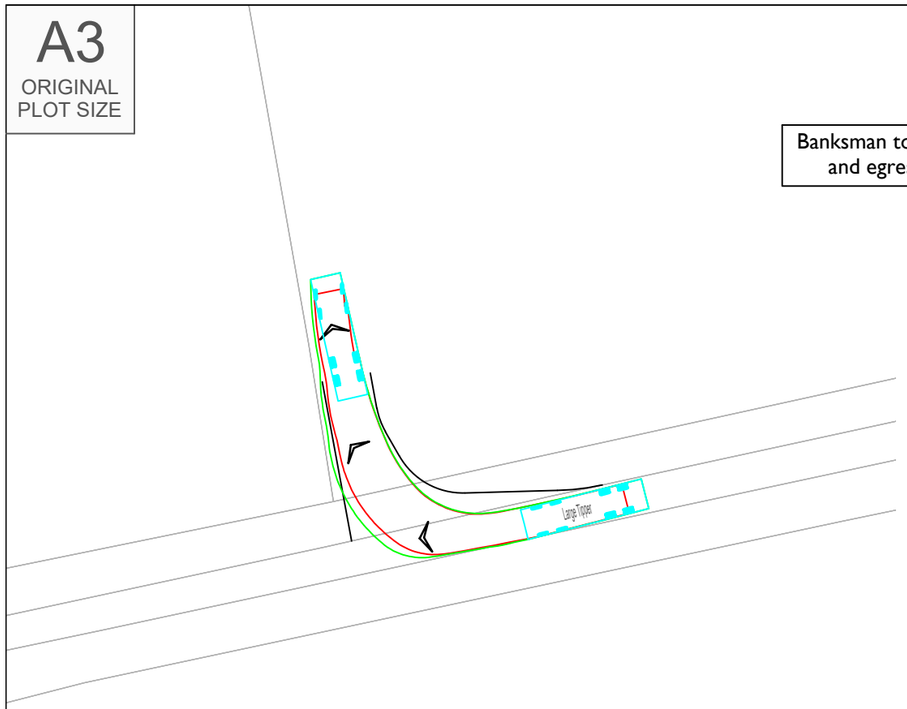
TITLE:
Cable Route Access Point 24

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 124	A

A3
ORIGINAL
PLOT SIZE



Tipper Vehicle Entering Site

Scale 1:500

Banksman to assist accessing and egressing vehicles

Tipper Vehicle Exiting Site

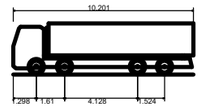
Scale 1:500

NOTES:

1. The existing posted speed limit on School Lane is National Speed Limit (60mph)

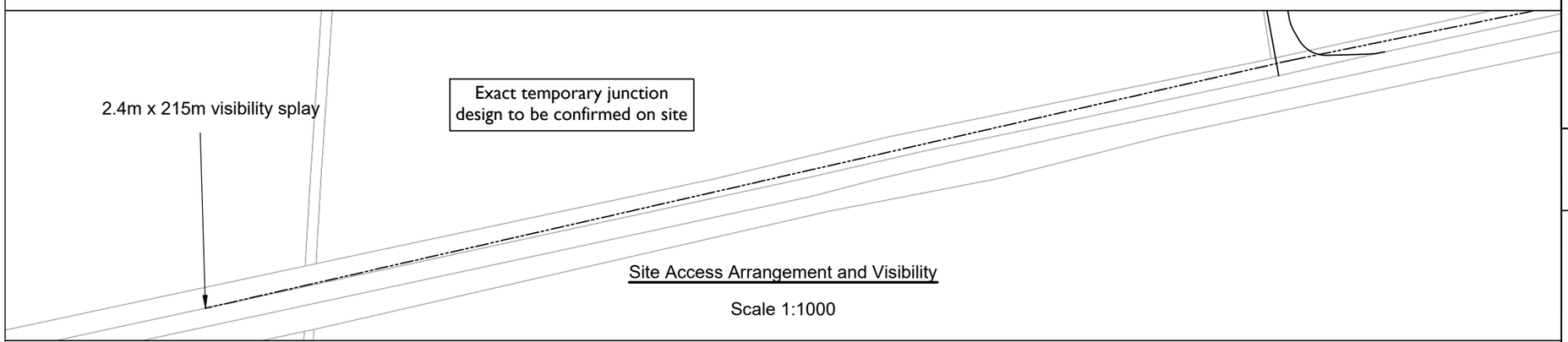
2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



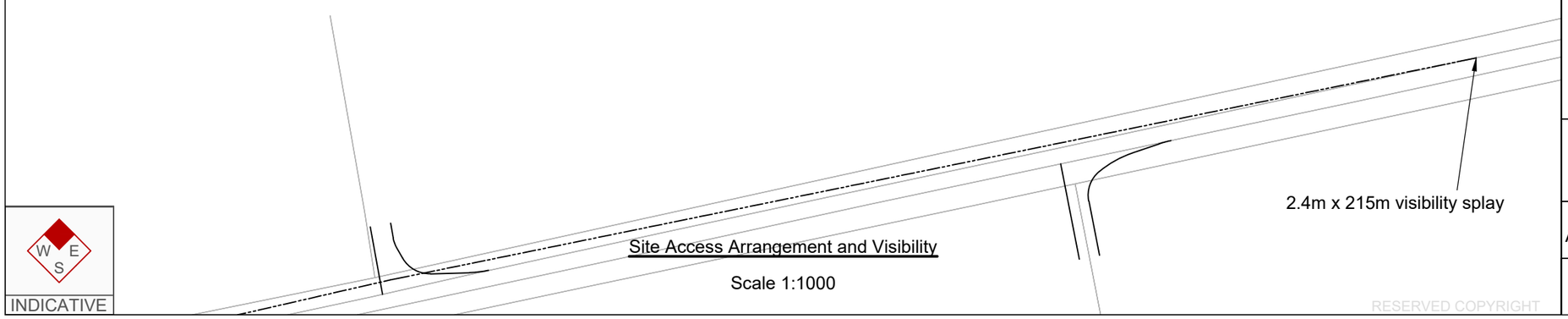
Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

INDICATIVE

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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 25

STATUS:

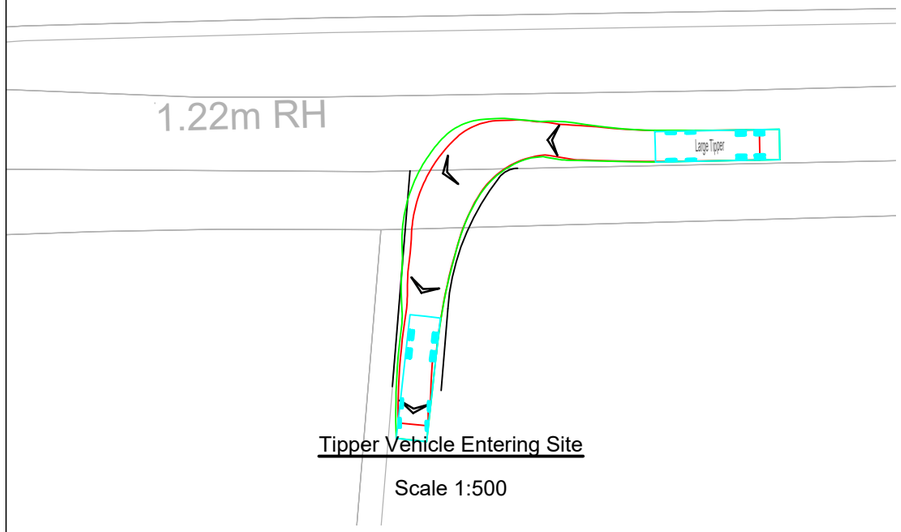
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 125	-

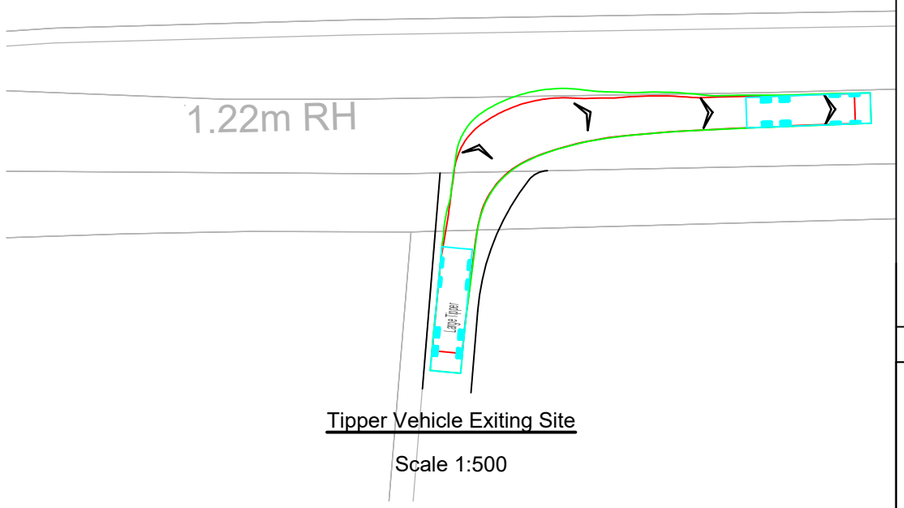
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



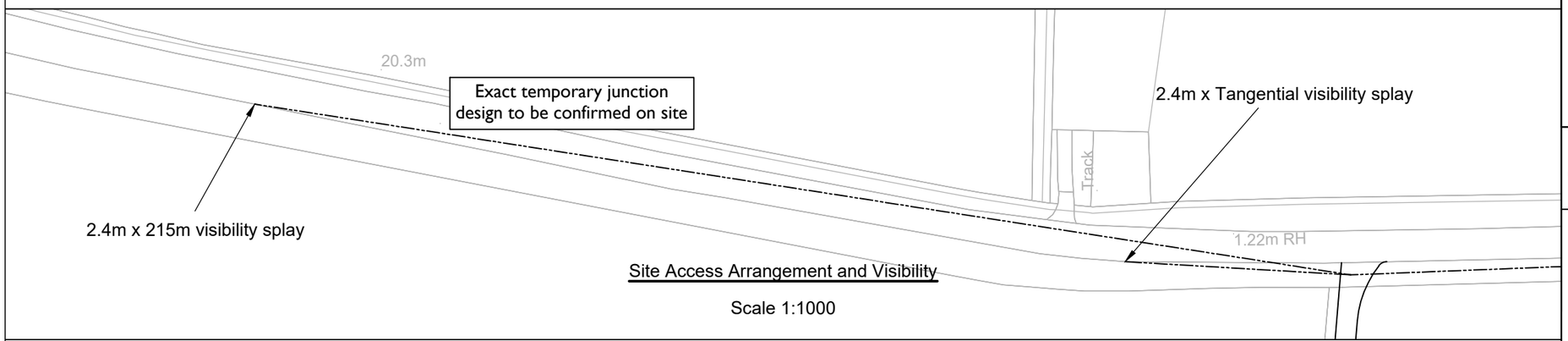
Tipper Vehicle Entering Site

Scale 1:500



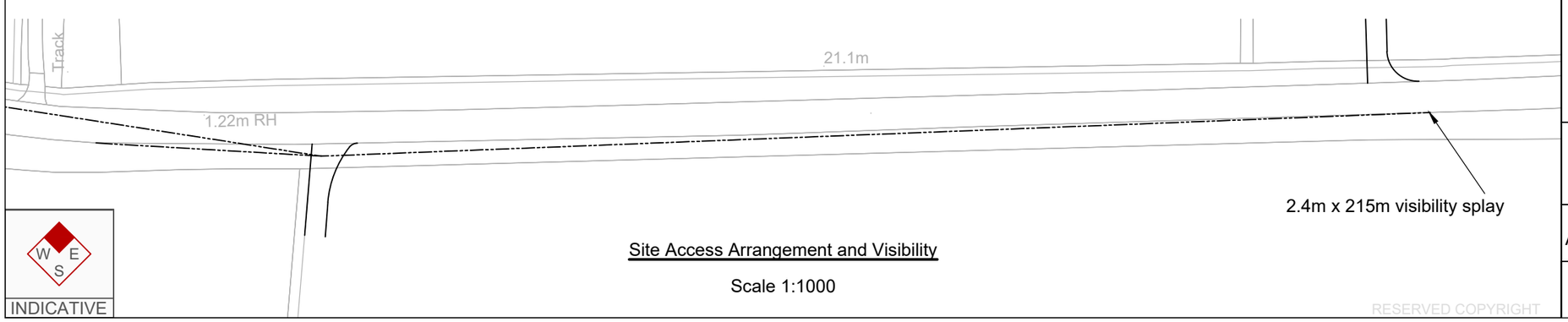
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

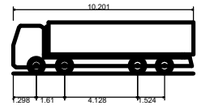
INDICATIVE

NOTES:

1. The existing posted speed limit on A631 is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

Rev	Date	Details	Drawn by	Checked by	Approved by
-	-	-	-	-	-

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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 26

STATUS:

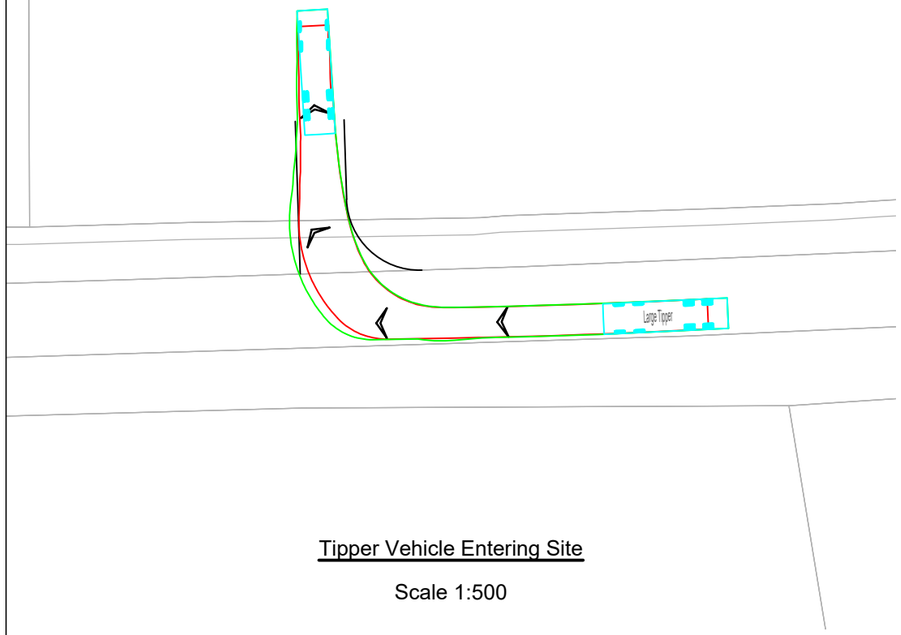
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 126	-

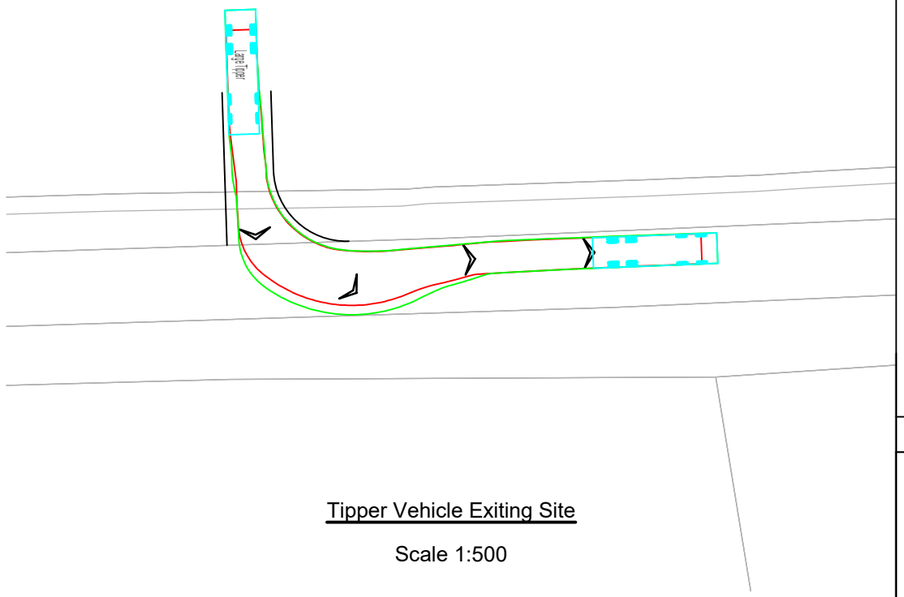
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

Scale 1:500

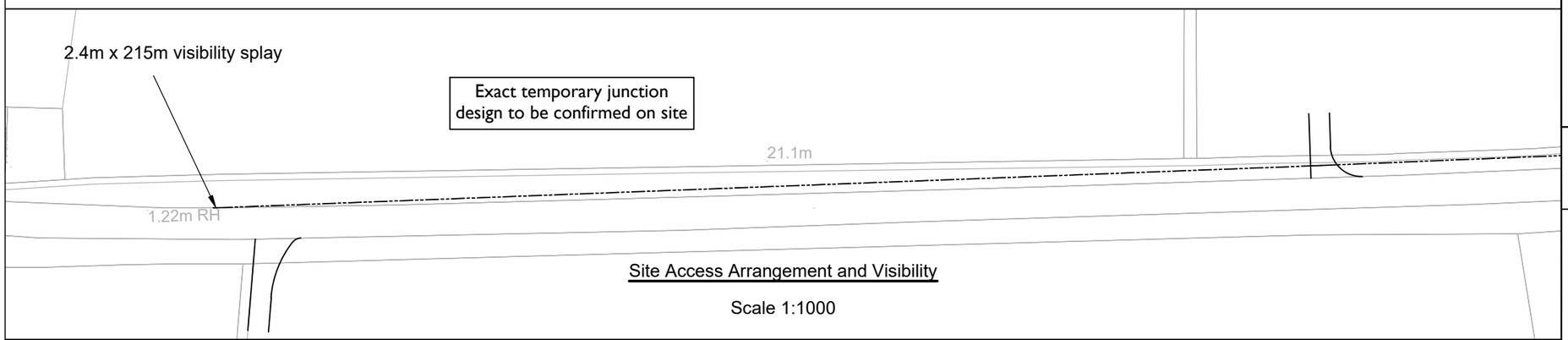


Tipper Vehicle Exiting Site

Scale 1:500

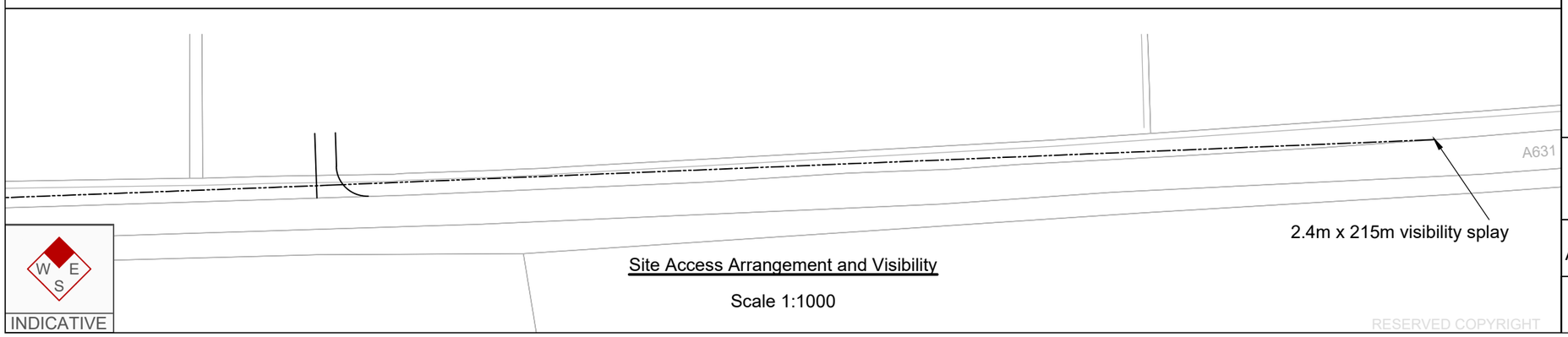
2.4m x 215m visibility splay

Exact temporary junction design to be confirmed on site



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

INDICATIVE

NOTES:

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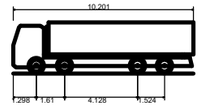
2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 27

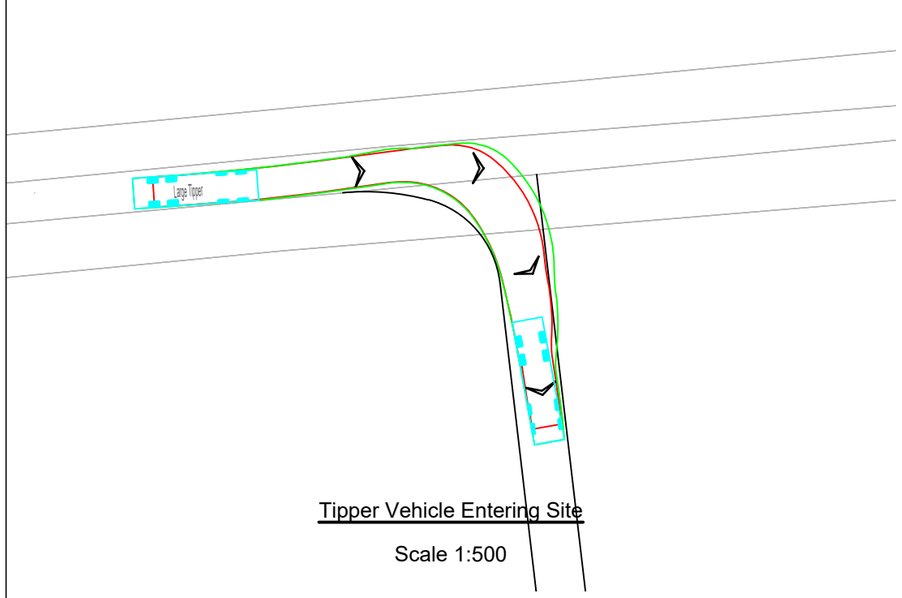
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 127	-

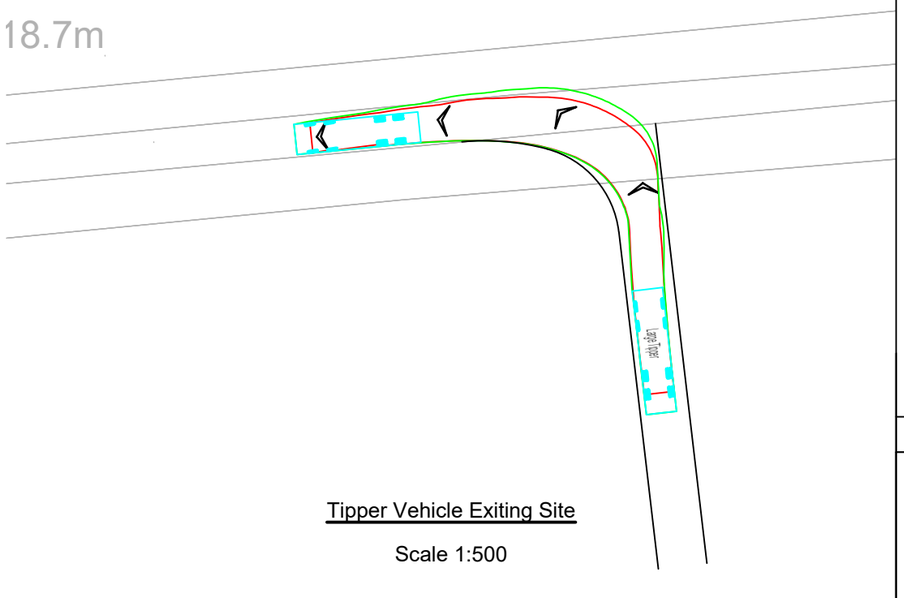
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

Scale 1:500



Tipper Vehicle Exiting Site

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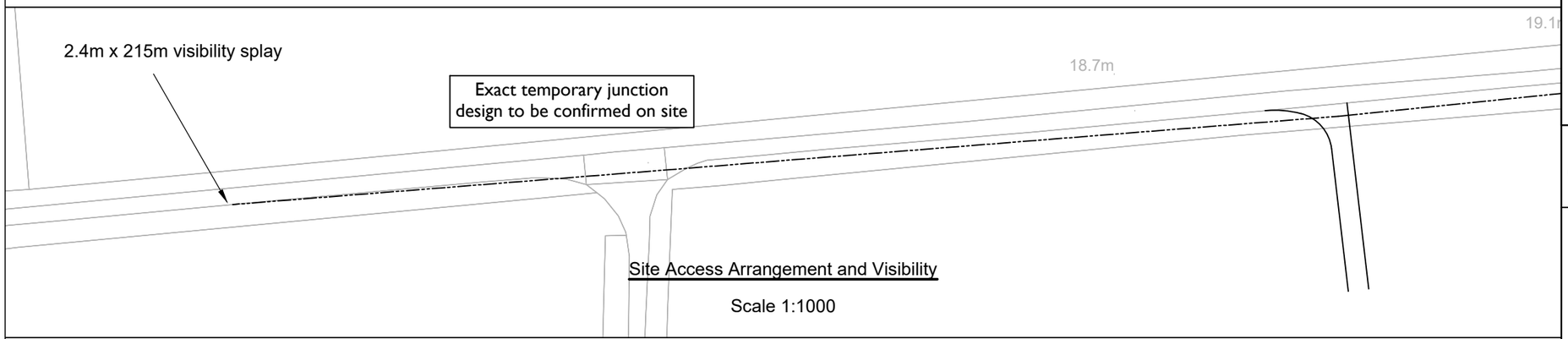
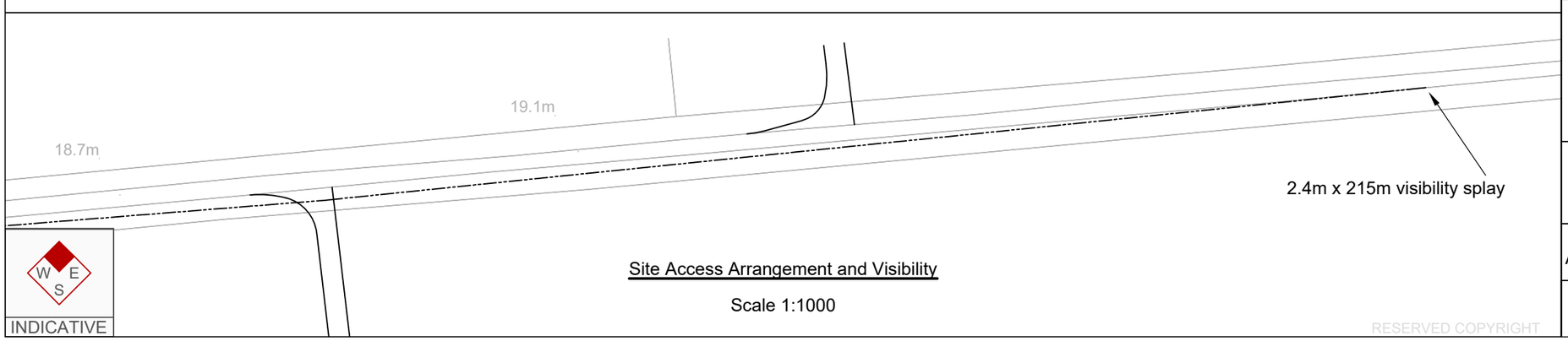


Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

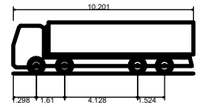
Scale 1:1000

W E S

INDICATIVE

NOTES:

1. The existing posted speed limit is National Speed Limit (60mph)
2. OS base to be confirmed with topographical survey
3. Highway boundary to be confirmed



Large Tipper	
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Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
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Lock to lock time	6.00s
Kerb to Kerb Turning Radius	11.550m

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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

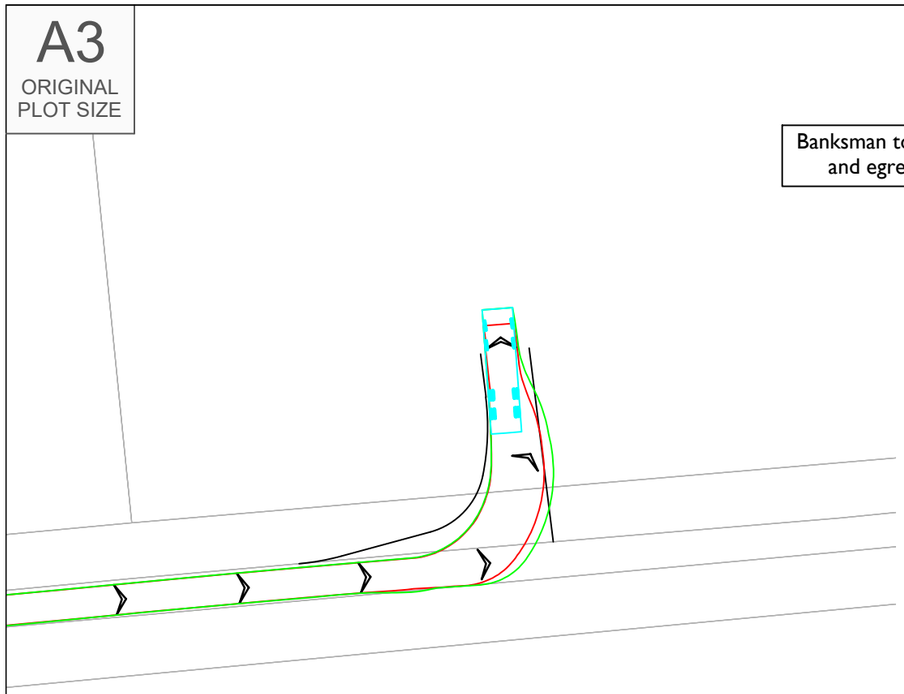
TITLE:
Cable Route Access Point 28

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 128	-

A3
ORIGINAL
PLOT SIZE



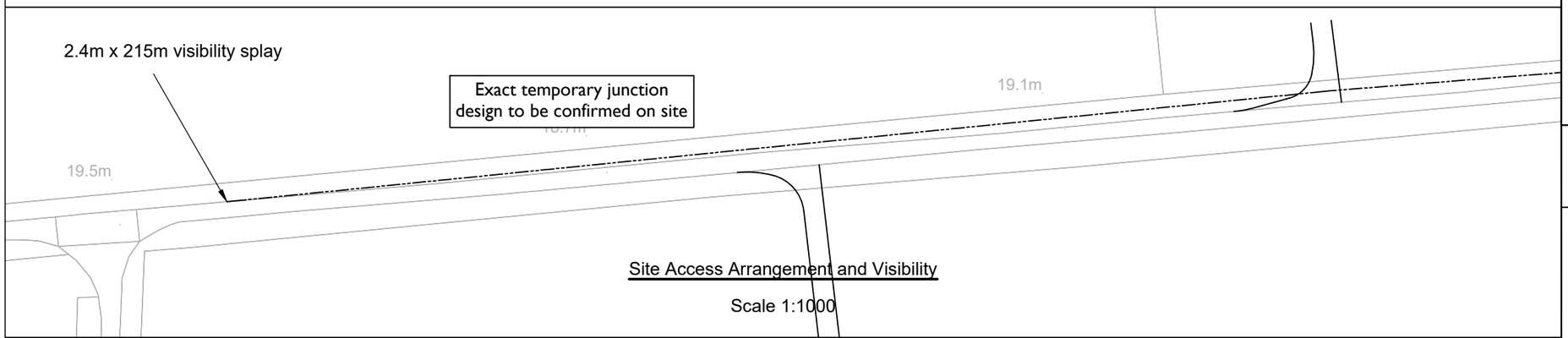
Tipper Vehicle Entering Site

Scale 1:500

Banksman to assist accessing and egressing vehicles

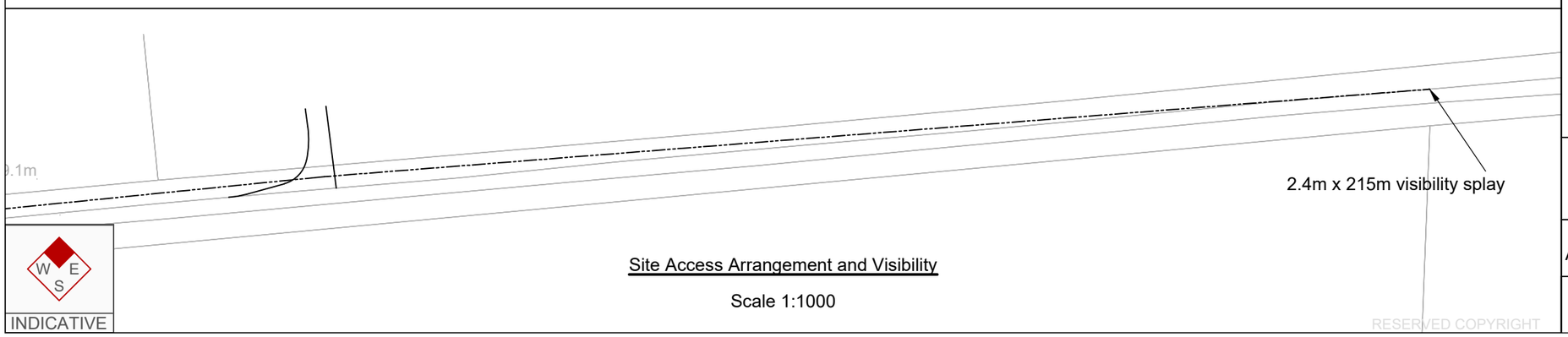
Tipper Vehicle Exiting Site

Scale 1:500



Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

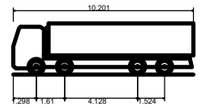
Scale 1:1000

W E S

INDICATIVE

NOTES:

1. The existing posted speed limit is National Speed Limit (60mph)
2. OS base to be confirmed with topographical survey
3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
Overall Width	2.495m
Overall Body Height	2.890m
Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 29

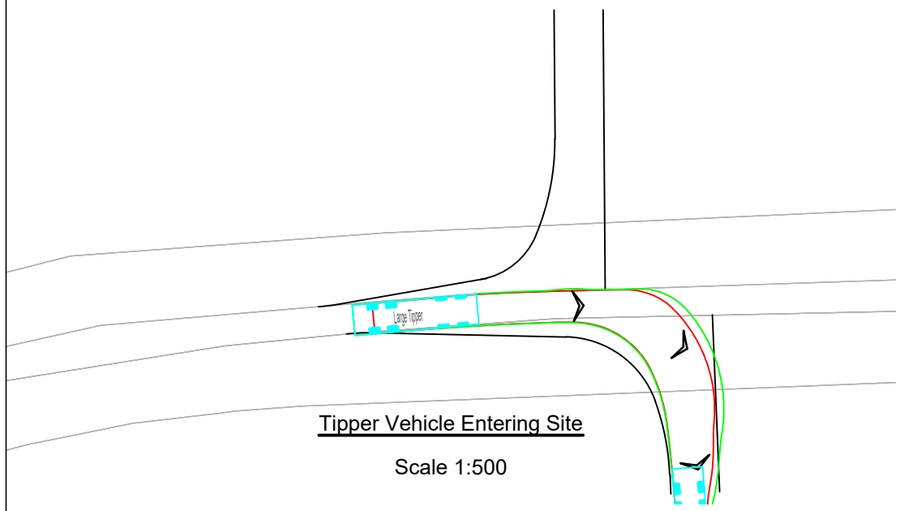
STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 129	-

A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

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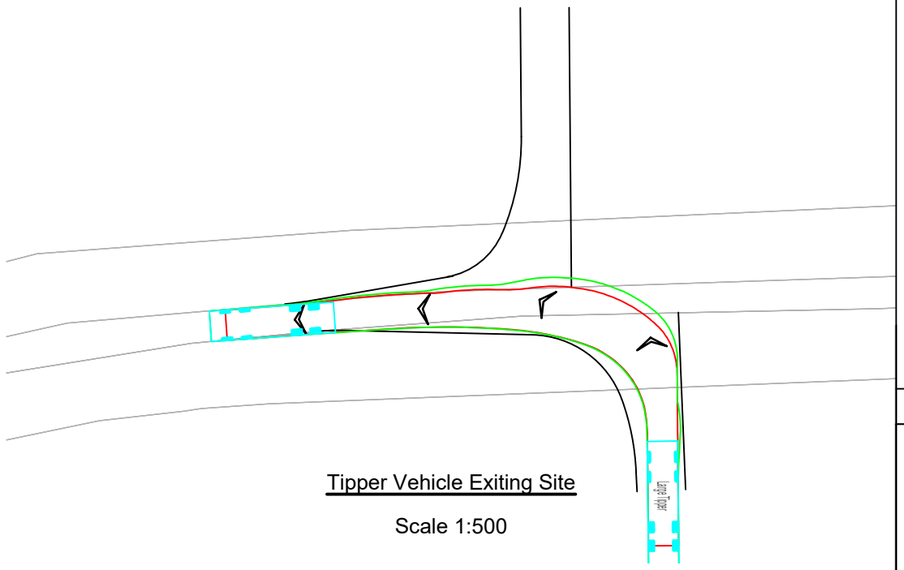

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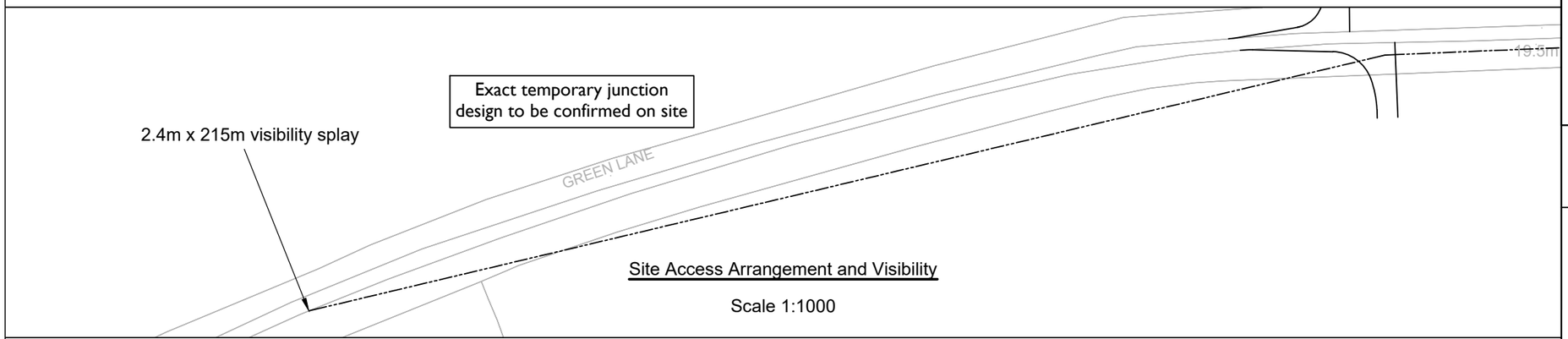
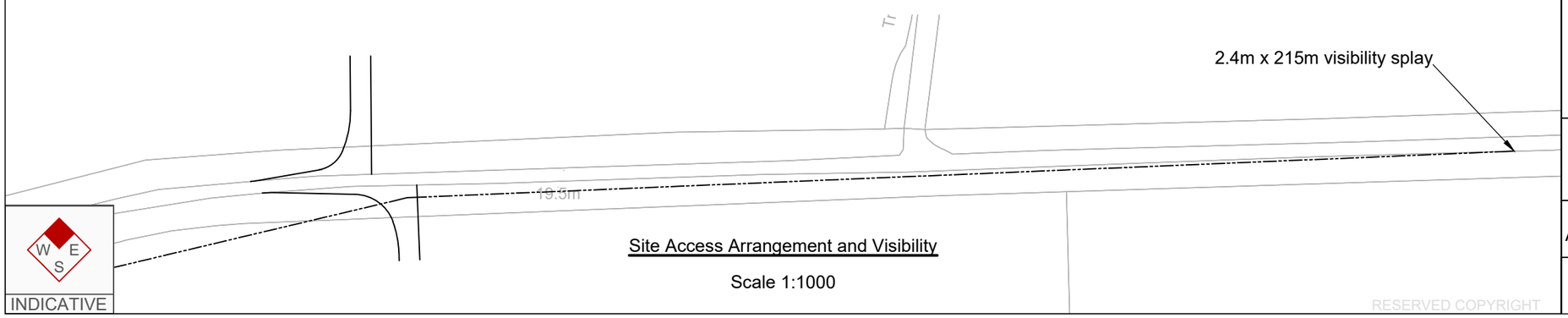


Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

Scale 1:1000

W E S

INDICATIVE

NOTES:

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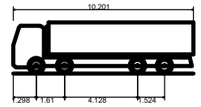
2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
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CLIENT:

COTTAM SOLAR PROJECT LIMITED

PROJECT:

COTTAM SOLAR FARM

TITLE:

Cable Route Access Point 30

STATUS:

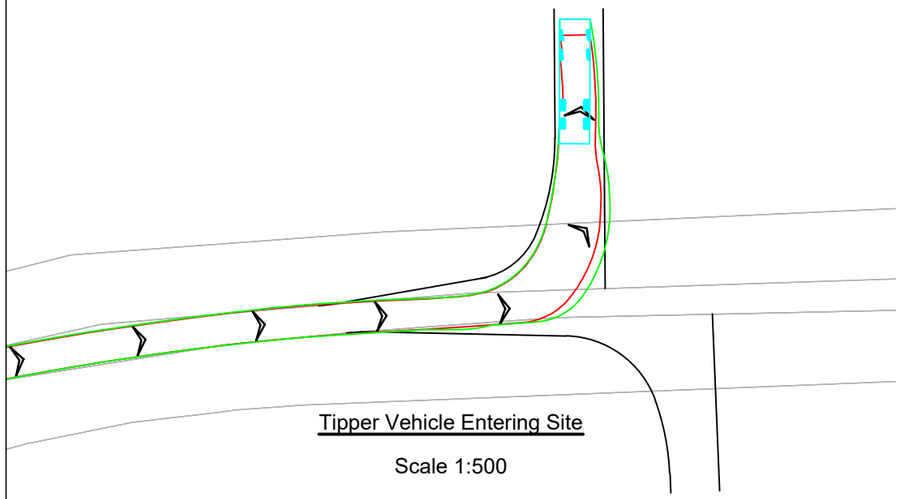
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 130	-

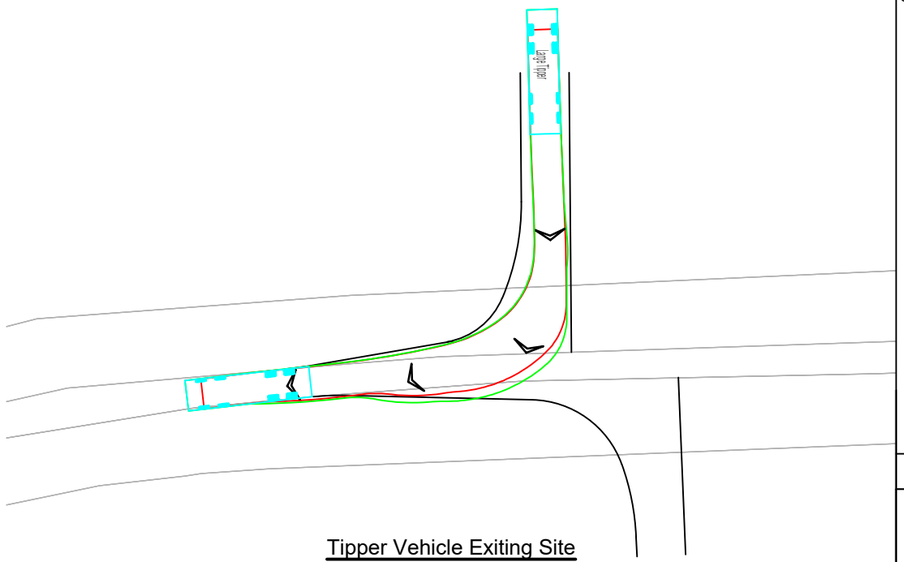
A3
ORIGINAL
PLOT SIZE

Banksman to assist accessing and egressing vehicles



Tipper Vehicle Entering Site

Scale 1:500



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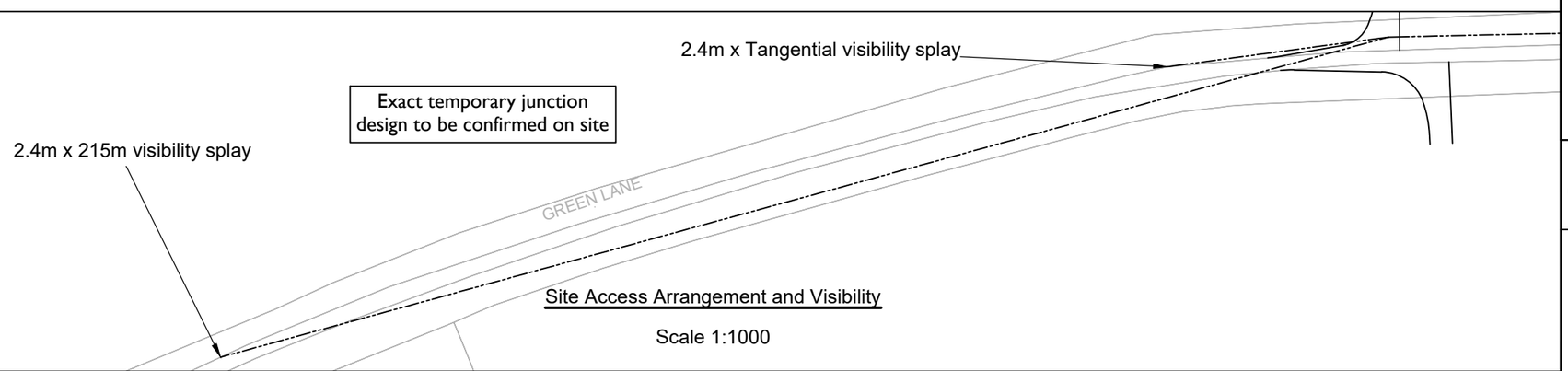
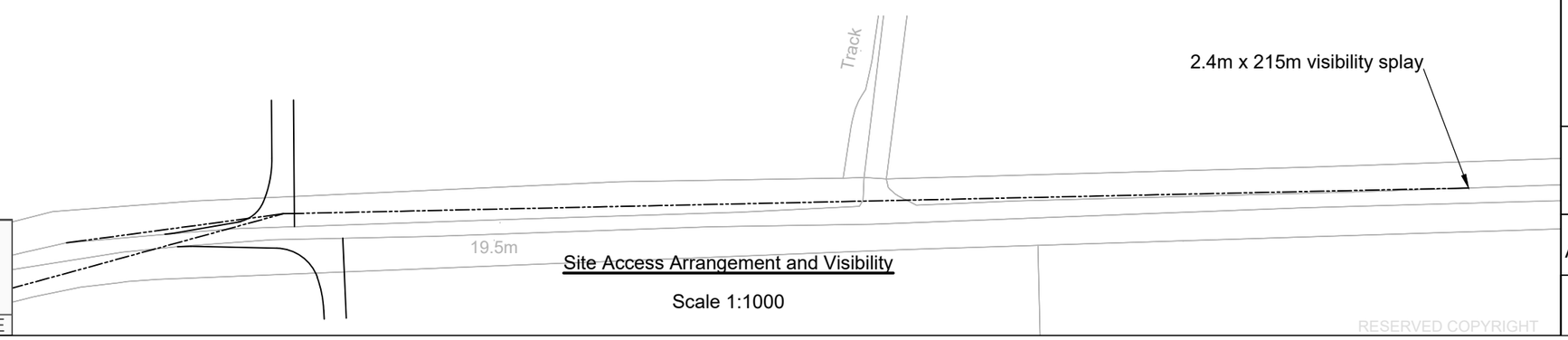


Site Access Arrangement and Visibility

Scale 1:1000



Site Access Arrangement and Visibility

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W E S

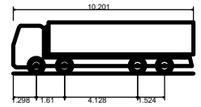
INDICATIVE

NOTES:

1. The existing posted speed limit on Green Lane is National Speed Limit (60mph)

2. OS base to be confirmed with topographical survey

3. Highway boundary to be confirmed



Large Tipper	
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Min Body Ground Clearance	0.341m
Track Width	2.471m
Lock to lock time	6.00s
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

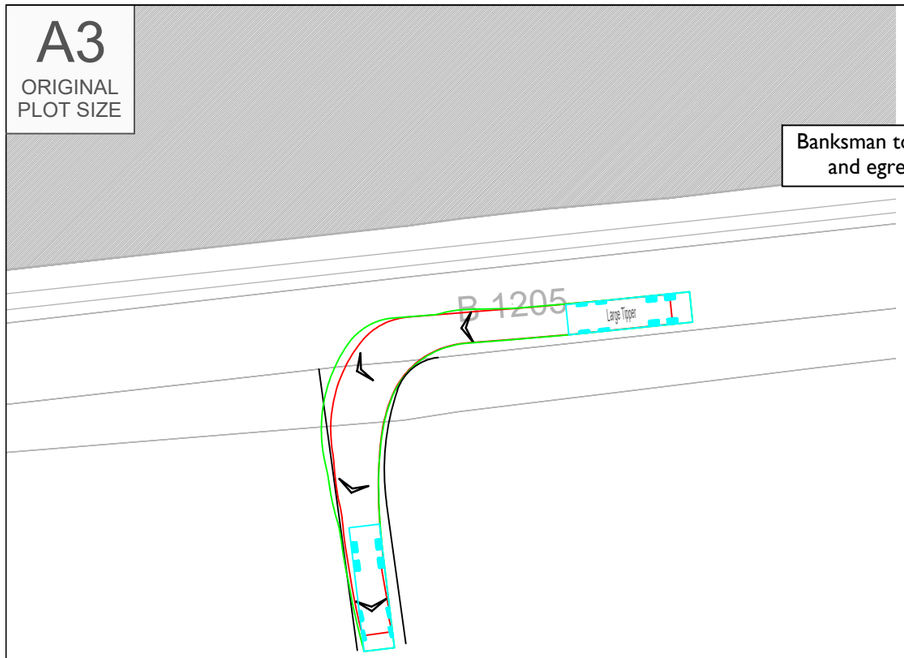
TITLE:
Cable Route Access Point 31

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

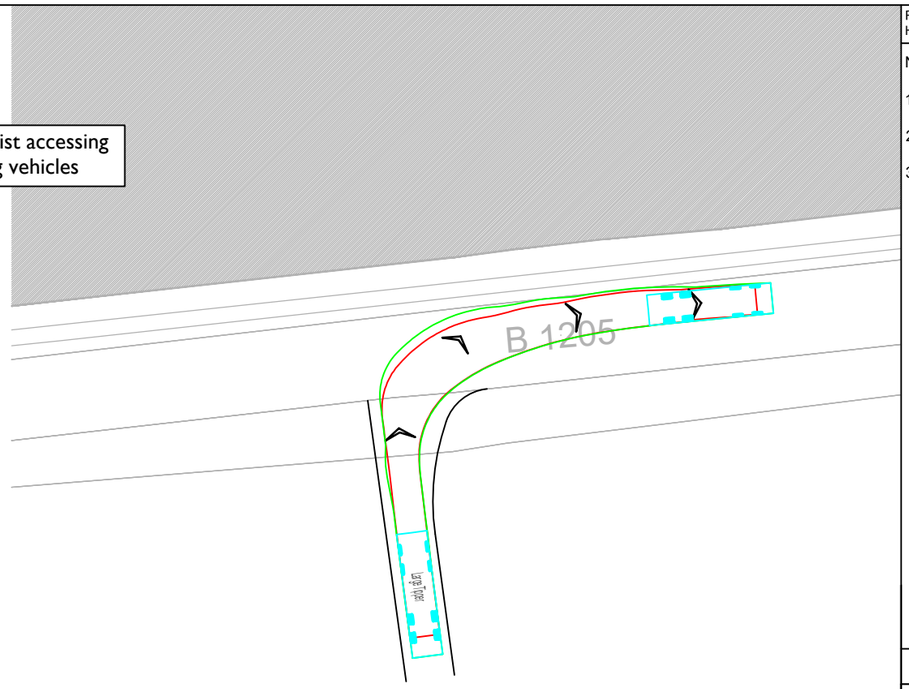
JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 131	-

A3
ORIGINAL
PLOT SIZE



Tipper Vehicle Entering Site

Scale 1:500



Tipper Vehicle Exiting Site

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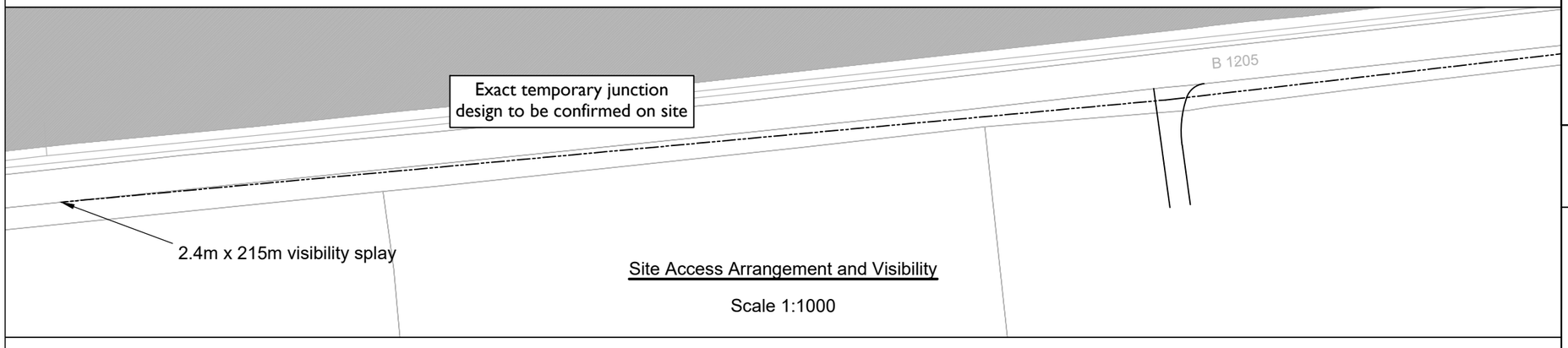

Site Access Arrangement and Visibility

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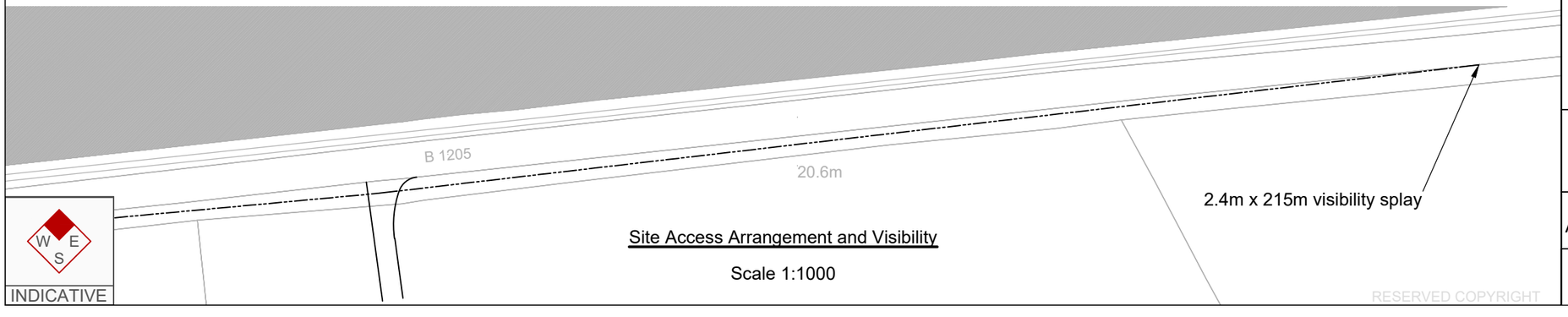

Site Access Arrangement and Visibility

Scale 1:1000

W E S

INDICATIVE

NOTES:

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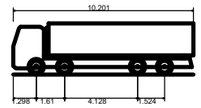
2. OS base to be confirmed with topographical survey
3. Highway boundary to be confirmed



Large Tipper	
Overall Length	10.201m
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Min Body Ground Clearance	0.341m
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CLIENT:
COTTAM SOLAR PROJECT LIMITED

PROJECT:
COTTAM SOLAR FARM

TITLE:
Cable Route Access Point 32

STATUS:
INFORMATION

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	18.10.22	SG	SM	JD

JOB NO:	DRAWING NO:	REVISION:
2107-062	SK 132	-

APPENDIX D

Cottam Solar Projects Limited

Cottam Solar Project,
Lincolnshire

Project Reference: 2107-062/TN/01

Construction Worker Travel Plan

Transport Planning Associates

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bristol@tpa.uk.com
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1 Introduction

1.1 This Construction Worker Travel Plan (CWTP) has been prepared by Transport Planning Associates (TPA) on behalf of Cottam Solar Project Ltd (the 'Applicant') in relation to an application for a Development Consent Order (DCO) for Cottam Solar Project (hereafter referred to as the 'Scheme'). It supports the Construction Traffic Management Plan which forms **Appendix 14.2** of the **Environmental Statement**. It has been prepared to encourage construction workers to travel to the Site via sustainable modes of transport, where possible, during the construction phase of the proposed development.

Aims and Objectives

1.2 Travel planning presents the opportunity to raise awareness of the consequences of travel choices, the benefits of alternatives and the opportunity to minimise the impact of motorised travel on the environment. A Travel Plan can bring the following benefits:

- To the individual - through improved health, reduced stress and cost savings;
- To the community - by the developer demonstrating commitment to environmental priorities and setting an example to others; and
- To the environment - through improved local air quality with less noise, dirt and fumes, which can contribute to other national and global improvements.

1.3 The core aims of this Construction Worker Travel Plan are to:

- Set out the objectives of travel planning at the Site;
- Set out information on the accessibility of the Site by non-car modes of transport;
- Set out initiatives and measures to promote accessibility by non-car modes, including the proposed construction worker minibus arrangement; and
- Set out the management requirements of the Travel Plan.

1.4 The following key aims and objectives are identified:

- To reduce single occupancy car travel by construction workers;
- To increase car sharing and minibus use;
- To increase knowledge of the public transport opportunities available to construction workers.

1.5 The remainder of this travel plan includes the following Chapters:

- Chapter 2: Management Strategy; and
- Chapter 3: Measures.

2 Management Strategy

Roles and Responsibilities

2.1 A Travel Plan Coordinator (TPC) will be to be appointed to oversee the implementation of this Travel Plan. The TPC will be responsible for overseeing the implementation of measures and ensuring the objectives set out in **Chapter 1** are achieved.

2.2 The responsibilities of the TPC will comprise, but not necessarily be limited to, the following:

- Implement measures set out in the Travel Plan;
- Raise awareness of the Travel Plan; and
- Provide advice to construction workers regarding sustainable travel.

2.3 It is anticipated that the TPC will be the Construction Site Manager (CSM) or a member of the project management team.

3 Measures

3.1 A number of measures have been identified that will be implemented in order to help achieve the objectives of this Travel Plan. The main objective is to reduce single occupancy vehicle travel to the Site by construction workers. A summary of the proposed measures is provided in **Table 3.1** below.

Table 3.1 Proposed Travel Plan Measures

Item	Measure	Responsible
1	Establish car shame scheme for construction workers, including a 'guaranteed lift home' policy (details below).	TPC
2	Arrange on-site facilities for workers, such as storage lockers for equipment.	Contractor
3	Provide a map with identified cycling routes to the Site on a noticeboard in communal areas.	TPC
4	Provide bus timetable information and bus routes to the Site on a noticeboard in communal areas.	TPC
5	Provide emergency cycle repair kit on-site.	TPC
6	Provision of construction worker shuttlebus (details below).	Contractor
7	Encourage travel outside of highway network peak hours.	TPC
8	Encourage use of electric vehicles (EV).	TPC
9	Appointment of Travel Plan Coordinator.	Project Management Team

3.2 The measures outlined in **Table 3.1** will be continuously reviewed by the TPC to ensure they remain effective in encouraging travel to the Site by non-car modes.

Car Share Scheme

3.3 There is potential for car sharing to also occur between construction workers, especially if they are travelling from the same origin place to the Site.

3.4 The TPC will be responsible for determining which staff members may benefit from car sharing and form car sharing group for the Site for workers to communicate availability and schedule car shares between each other.

3.5 The TPC will promote a car-sharing scheme throughout the construction program. The TPC would also make construction workers aware of existing car sharing schemes such as liftshare.com/uk.

Construction Worker Shuttlebus

3.6 It is anticipated the majority of non-local construction workers will stay at local accommodation and be transported to Site by shuttlebus. This can be used by local workforce as well. This aids to further reduce single occupancy vehicle travel to the Site, the appointed contractor and TPC will be responsible for organising a shuttlebus for construction workers.

Monitoring

3.7 The uptake of travel plan measures will be continuously monitored by the TPC. Additional measures will be provided as appropriate.

Document Management

Document Review

	Status	Author	Checker	Approver	Date
01	Draft	AC	RR	JD	09 | 12 | 20
-	Issue				
A	Revision[a]				
B	Revision[b]				

a

b