



# Construction Traffic Management Plan

**Cockenzie Levelling Up Works at Former Cockenzie Power Station and Coal Store, Prestonpans, EH32 9SF** 

#### **East Lothian Council**

Land to the north-west and south of the B1348 and land to the west of the B6371, Cockenzie.

Prepared by:

**SLR Consulting Limited** 

15 Middle Pavement, Nottingham, NG1 7DX

SLR Project No.: 405.064926.00001

26 August 2024

Revision: 04

#### **Revision Record**

Revision	Date	Prepared By	Checked By	Authorised By
01	29 July 2024	DM	IL	IL
02	05 August 2024	DM	IL	IL
03	22 August 2024	DM	IL	NB
04	26 August 2024	DM	IL	NB

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# **Acronyms and Abbreviations**

СТМР	Construction Traffic Management Plan
ELC	East Lothian Council
HGV	Heavy Goods Vehicle
IEMA	Institute of Environmental Management and Assessment
LPA	Local Planning Authority
LRA	Local Roads Authority
SLR	SLR Consulting Limited



#### 1.0 Introduction

#### 1.1 Overview

East Lothian Council (ELC) approved a planning application (Ref: 24/00324/PM) on the 15<sup>th</sup> July 2024 for enabling works comprising the relocation and regrading of materials from onsite earthwork bunds for the creation of developable platforms and associated works at land at the former Cockenzie Power Station and Coal Store, Prestonpans, East Lothian.

The works to be undertaken are as follows:

- form a temporary haul route from the north-west corner of the former coal store to the B1348 and a temporary access to the B1348 on both its north and south sides;
- remove the earthwork bunds around the former coal store site, including concrete structures and rail infrastructure on, within and around the coal store site and earthwork bunds;
- transport bund material from the former coal store to infill the void that exists on the site of the former Cockenzie Power Station following its removal; and
- re-grade the former coal store site with the remaining bund material.

It is intended that the above works will create developable platforms on the site of the former Cockenzie Power Station and coal store site upon which future development proposals that will facilitate economic growth, including net zero infrastructure and employment, can be constructed. These future development proposals will be the subject of a separate planning application(s).

An Outline Construction Traffic Management Plan (CTMP) was submitted with the planning application and this final version has been prepared by SLR Consulting Limited (SLR) on behalf of the applicant and incorporating information from the Principal Contractor (Balfour Beatty) to set out the management of construction traffic associated with the proposed development and to discharge planning condition no. 2.

"An updated Construction Traffic Management Plan (CTMP) to minimise the impact of construction activity on the amenity of the area, including from the effects of noise and dust, shall be submitted to and approved by the Planning Authority prior to the commencement of development.

The CTMP shall recommend mitigation measures to control construction traffic, shall include hours of construction work and routes of construction traffic to/from the site. It shall also make recommendations in respect of how building materials and waste will be safely stored and managed on site.

The CTMP will show that all construction traffic will arrive to and depart from the site from the B6371 to the east, coming from the A1 and the B6371 to the south.

The CTMP shall also include a scheme of monitoring and engagement to understand how motorised and non-motorised general traffic interacts with the crossing controls on the B1348 public road, including on pupil movements on the route to and from Preston Lodge High School.

Thereafter, the CTMP shall be implemented and complied with in accordance with the approved details for the period of construction of the development hereby approved.

Reason: To minimise the impact of construction activity in the interests of the amenity of the area."



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#### 1.2 Site Description

The site encompasses land to the north-west and south-east of the B1348 and west of the B6371 in Cockenzie. The site lies between the villages of Cockenzie, Prestonpans and Port Seton and the site boundary adjoins the southern shores of the Firth of Forth.

The site location is set out on **Drawings CLUW-PLAN-001** and **CLUW-PLAN-002** in **Appendix A.** 

The existing site layout is set out on **Drawings CLUW-PLAN-003**, **CLUW-PLAN-004** and **CLUW-PLAN-005**, provided in **Appendix B**.

#### 1.3 The Proposed Development

The proposed development will allow for the formation of developable platforms on the sites of the former Cockenzie Power Station and coal store. The proposed development will be carried out in two phases as set out below:

#### Phase One:

- Form a temporary haul route from the north-west corner of the former coal store to the B1348 and a temporary access to the B1348 on both its north and south sides;
- remove the remainder of the existing railway line on the southern section of the eastern bund around the former coal store site;
- remove the rail underpass bridge on the southern section of the eastern bund around the former coal store site:
- remove the northern, western and southern earthwork bunds and the southern section of the eastern bund around the former coal store site; and
- transport bund material from the former coal store site to infill the void that exists on the site of the former Cockenzie Power Station following its removal.

The proposed site layout for Phase One is set out on **Drawings CLUW-PLAN-006**, **CLUW-PLAN-007** and **CLUW-PLAN-008** provided at **Appendix C**.

#### Phase Two:

- Remove the northern section of the eastern bund including the concrete coal conveyor tunnel within;
- remove the base of the former Wagon Discharge House which sits between the northern and southern sections of the eastern bund; and
- re-grade the former coal store site with the remaining bund material.

Following the completion of Phase Two, it is anticipated that there will be a stockpile of material remaining within the north-east corner of the former coal store site which will be utilised as fill material should any soft spots or depressions occur during the development. It is anticipated that this stockpile will consist of aggregate and soil.

The proposed site layout for Phase Two is set out on **Drawings CLUW-PLAN-010** & **CLUW-PLAN-010**, provided at **Appendix D**.

It is estimated that 175,000m³ of material will be required to infill the void site and this will be excavated from the existing earthwork bunds around the former coal store. This material will be transported to the site of the void using four articulated dumper trucks (Volvo A40Gs, or similar), each with a capacity of approximately 18m³. It is anticipated that these vehicles will run continuously throughout a nine-hour working day over a 5-month period, subject to weather conditions at the time of the works. There is expected to be 216 two-way HGV trips per day between the bund site and the void.



The temporary haul route will be 9m in width and 600m in length. It will egress from the north-west corner of the former coal store site and will initially run parallel to the existing access road that serves the former coal store. As it nears the adopted road, the haul road will divert away from the existing road alignment, continuing in a north direction and will be

constructed to a proposed crossing at the B1348 Edinburgh Road.

The drawings, prepared by Balfour Beatty, showing the haul road and crossing at the B1348 Edinburgh Road are provided in **Appendix E.** 

It is intended that, upon completion of the proposed development, the temporary haul route will be removed, and the land restored to its former condition. It should be noted however, that the temporary haul route layout overlaps with the already consented link road (Planning Application Reference: 22/00440/P) and the in-principle planning permission for the Seagreen substation (Planning Application Reference: 21/00290/PPM). Therefore, any reinstatement may only be partial if these permanent development proposals come forward.

Material removed from the bunds will initially be used to infill the void of the former power station and following completion of the up filling of the void, the remaining material (approximately 225,000m³) will be regraded over the former coal store to provide a level and developable platform.

Upon completion of the above works, it is intended that the created platforms will have a 150mm thick type 1 layer placed over the fill material within the void at the former power station. The platforms created within the Coal Store shall be seeded with a grass mix. Once established, the vegetation will assist with binding the surface soil together until the next phase of development comes forward on the sites.



#### 2.0 Roles and Responsibilities

#### 2.1 Applicant

ELC (the applicant) will have overall responsibility to ensure the Principal Contractor (Balfour Beatty) implements the CTMP.

#### 2.2 Principal Contractor

Balfour Beatty will be required to implement the measures within this CTMP and to propose and make modifications to the Plan during the planning and construction process, if required. Monitoring of the CTMP will be undertaken by Balfour Beatty and any necessary amendments will be made in consultation with ELC as the Local Road Authority (LRA).

Douglas Mackay (the nominated liaison officer at Balfour Beatty) is responsible for the coordination of all elements of traffic and transport during the construction process and will liaise with the local community (including Preston Lodge High School) so that the community have a direct point of contact to discuss matters pertaining to the traffic management or site operation.

Douglas' contact details are:

douglas.mackay@balfourbeatty.com

07860 467317

Balfour Beatty is committed to putting in place effective communication channels, and record and act on comments, complaints or queries during the construction programme.



# 3.0 Construction Programme and Anticipated Vehicle Movements

#### 3.1 Construction Programme

The proposal is to transport the bund material from the former coal yard to the former Cockenzie Power Station over a five-month period, dependent on weather conditions at the time of the works.

The site will operate between the following hours:

- 07:00 18:00 hours Monday to Friday;
- 08:00 13:00 hours Saturday;
- No working on Sundays or public holidays without prior written permission from East Lothian Council.

For emergency works only outwith the above hours, these will be permitted with Notification for the reason and justification for such works being provided to ELC.

#### 3.2 Vehicle Movements

#### 3.2.1 HGVs

#### 3.2.1.1 Plant and Equipment

There will be around 150 HGV deliveries (300 two-way movements) for the delivery of plant and equipment to the construction site at the beginning of the construction programme and the same number of HGV movements at the end of the construction to remove the plant and equipment. All plant and equipment deliveries will enter and depart the site via the A1 and the B6371.

#### 3.2.1.2 Materials

For the construction of the haul road there will be around 3,300 HGV deliveries (6,600 two-way movements). All material deliveries will enter and depart the site via the A1 and the B6371.

#### 3.2.1.3 Bund Material

It has been confirmed that for the transportation of bund material between the former coal store and the former Cockenzie Power Station, four articulated dumper trucks (Volvo A40G's) will be used, each vehicle having a capacity of circa. 18m<sup>3</sup>.

There is expected to be 216 two-way movements per day, with an average of 24 per hour.

The number of crossings of the B1348 Edinburgh Road per hour will be minimised with two vehicles crossing (in different directions) at the same time. Based on this, crossing movements will occur six times per hour which equates to once every 10 minutes.

#### 3.2.2 Workforce

The workforce will, on average, be round 35 workers, rising to around 50 at the peak of activity.

Therefore, based on a worst case of single occupancy vehicle movements, there could be 100 car or light goods vehicle (LGV) two-way movements per day.



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# 4.0 Key Construction Details and On-Site Control Measures

#### 4.1 Site Access

#### 4.1.1 HGVs

All construction HGVs will arrive at the existing former coal store site access on the B6371 (known as Loverose Drive) from the A1 and B6371 south.

The access is suitable for HGVs and will be controlled by a gate attendant during operational hours to prevent any disruption to the B6371. The gates will remain open, supplemented by an internal airlock/barrier system, to facilitate all deliveries off the public roads.

Deliveries will also be managed through a delivery booking system, which will ensure that the timing and quantity of deliveries are distributed evenly throughout the day.

#### 4.1.2 Workforce

The workforce vehicle movements will also all arrive and depart from the existing former coal store site access on the B6371 (known as Loverose Drive) to park in the main site compound as shown in the drawing in **Appendix F.** 

#### 4.2 Compound and Parking

There will be the following three compounds across the site as shown in the drawing in **Appendix E**:

- Main site compound, located within the former coal store;
- Temporary link road moveable welfare; and
- Satellite welfare compound, located on the former Cockenzie Power Station site.

The main site compound will be constructed to provide site facilities for the workforce and also allow plant and materials to be stored safely and securely.

The main site compound will provide the following:

- Laydown area;
- Storage area;
- Car parking for 40 cars or LGVs
- · Parking and unloading areas for HGVs;
- · Meeting rooms; and
- Welfare facilities.

The main compound will have sufficient areas available at all times for all vehicles to enter and leave in a forward gear.

The parking area will have safe and secure barriers to segregate all personnel from site plant and vehicle routes. All signage within the designated car parking area must be followed, with no vehicles parked in a way which restricts either vision or access. No parking whatsoever will be allowed on public roads.

The satellite compound will have a canteen, dry room, toilets and parking for 10 cars or LGVs.



#### 4.3.1 Route and Design

Haul Road and Crossing

4.3

The haul road to be constructed to facilitate the transportation of bund material between the former coal yard site and the former Cockenzie Power Station will egress the bund site and initially run parallel to the existing access road. As it nears the adopted road, the haul road will divert away from the existing road alignment, continuing in a north direction and will be constructed to a proposed crossing at the B1348 Edinburgh Road as set out in the drawings in **Appendix E**.

The haul route will be operated by manned signal controls, with the roadway and footway reinforced as part of the proposals to mitigate any negative impact to the adopted road as shown in **Drawing S24008-BBR-TTW-DR-W-0** in **Appendix E.** 

#### 4.3.2 Crossing Management

The crossing point will be an automatic 24/7 controlled 2-way junction with a manual override to stop traffic flow on Edinburgh Road and adjoining side road to suit the agreed crossing operation.

Pedestrian fail safe lights will be utilised at the construction vehicle crossing point / vehicle site entrances. These lights will remain green for bike/ pedestrians as a default and will only turn red when the construction crossing operation manually switches all the lights to red.

Pedestrian barriers on the kerb side of the pavement will be utilised to stop pedestrians crossing within 5m of the construction vehicle crossing point and perpendicular pedestrian barriers will be erected on the active travel footpath side to slow down bikes/ scooters etc to ensure they don't continue directly into the crossing point at speed with a new junction layout/ operation.

The construction vehicle crossing point will be controlled on both sides by a gate person/vehicle crossing marshal, one of which, will manually switch the lights to suit the agreed crossing timings only when the convoy of vehicles are cleaned and ready to cross.

The crossing point will be controlled/ have a gate person or vehicle crossing marshal in place during operational hours.

The vehicle crossing marshal:

- will be in control of the crossing operation/ ensuring the roadway is clean/ clear before/during and after the convey traverses;
- shall ensure wheelwashing/ passive cleaning measures are in place and effectively implemented either side of the crossing in accordance with the CEMP.
- shall ensure the lights, signage and junction is in operation and working appropriately;
- shall monitor the daily condition of the roadway at the crossing point and the approaches;
- will ensure the safety and control of pedestrian/ active travel crossing points;
- will ensure the control and placement/ removal of a vehicle barrier across the entrance during operational hours and then the securing of vehicle gates during noncrossing/ non-operational hours; and
- shall ensure the speed limit of approaching/ crossing site vehicles is controlled and does not exceed 10 mph.



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The general principles of how the haul road crossing will operate is shown in the drawing in **Appendix G.** 

#### 4.3.3 Crossing Monitoring (Road Condition)

Balfour Beatty will ensure the following schedule for the monitoring of the condition of the crossing is implemented:

- A full dilapidation survey and report will be undertaken prior to works commencing to the temporary crossing point and construction operation (S96 of RSA194: Roads (Scotland) Act 1984);
- A full report and survey will then be completed once the crossing point is installed, prior to the construction crossing operation commencing, to ensure all parties are satisfied with the temporary arrangement and condition of the roadway at that point:
- The crossing point will be controlled by a designated vehicle crossing marshal;
- The vehicle crossing marshal shall monitor and control the traffic flow, build up and general operation as well as the pedestrian/ active travel safety and crossing at the site entrances:
- The vehicle crossing marshal shall complete daily visual inspection of the crossing and adjacent approach roadway to monitor condition. This inspection will monitor for potholes, breakups, rutting and/or road deterioration. This shall be recorded electronically with photographic evidence;
- On the identification of any road deterioration, this shall be reviewed and reported to ELC;
- Damage as a result of the construction works shall be repaired on an emergency basis or completed as part of routine maintenance during the works. Damage not related to the construction activity shall be reported as per above to ELC; and
- Beyond daily visual inspection, Balfour Beatty shall complete a monthly drone survey
  / aerial photographs of the road condition to monitor throughout the works. Monthly
  report and updates shall be issued to ELC.

#### 4.3.4 Crossing Monitoring (Traffic and Pedestrian Interaction)

Balfour Beatty will ensure the following schedule for the monitoring of the interaction with traffic on the B1348 Edinburgh Road and pedestrians using the crossing, is implemented:

- The marshal shall monitor vehicles at the crossing on the B1348 Edinburgh Road (motorised or non-motorised) and pedestrians/ bikes/ e scooters at the crossing and record any incidences whereby:
  - a vehicle, pedestrian, bike or e scooter fail to stop when the lights have turned red to allow a convoy of vehicles to cross between the former coal yard site and the former Cockenzie Power Station site:
  - a pedestrian attempts to climb a closed barrier, or walks in the road to attempt to cross prior to the convoy of vehicles crossing between the former coal yard site and the former Cockenzie Power Station site;
  - the queue of pedestrians/ e scooter users builds back to the Scottish Power access: and
  - Any non-motorised user purposely jeopardises the safety of themselves or others at the crossing



- A fortnightly email update on any such incidences will be provided to ELC with any
  mitigation proposed to endeavour to eliminate such incidences, to be discussed and
  agreed with ELC;
- Should there be any incidents (or near misses) involving a pupil from Preston Lodge High School, the reporting to ELC will also include dialogue with the school; and
- The marshal shall report any broken down vehicle or any vehicle that stops in the vicinity of the crossing, to the Site Manager to temporarily haul any vehicles crossing between the former coal yard site and the former Cockenzie Power Station site.

#### 4.4 On-Site Traffic Safety

All construction vehicles will be required to report to site security where they will obtain clear instructions, before further movement is acceptable.

The site speed limit shall be 15 mph (apart from the approach to the crossing, which will be 10 mph) and must be adhered to at all times. Appropriate speed limits within the compounds will be set. Speed limit signs shall be installed on the haul road and within the compounds.

Heavy site traffic will be equipped with audible reversing warning with additional visual aids e.g. reversing cameras, mirrors utilised on all plant. All safety features must be inspected on a daily basis with faults immediately reported to the Foreman Fitter who will assess and repair any damage to the plant. Site management will ensure that all loads are covered fully to limit the loss of material in transit.

#### 4.5 Emission Control

All reasonable effort will be made to ensure that emissions are kept to a minimum on site during the construction phase.

The following section describes the management measures that will be implemented on site to control emissions.

If any complaint is received, it will be logged in the Site Diary. The Site Manager or nominated person will investigate the complaint and will act to identify the source of the nuisance and implement remedial measures where appropriate.

#### 4.5.1 Noise Management

Mitigation and management measures that will be implemented but not limited to on site include:

- Machinery and plant will be chosen, when possible, with noise control measures such as silencers, mufflers etc.;
- All vehicles on site will be regularly and well maintained;
- All equipment will be maintained and operated in accordance with manufacturer's guidance and will be maintained in good working order;
- If possible, electrically powered machinery will be used instead of diesel powered;
- Noise barriers will be constructed, if necessary, in the form of temporary walls or piles of excavated material between the construction activities and any noise sensitive receptors;
- Site equipment will be sited away from noise sensitive receptors; and
- Construction works will only occur during approved times



Any complaint received will be logged in the Site Diary. The Site Manager or nominated person will investigate the complaint and will act to identify the source of the nuisance and implement remedial measures where appropriate.

#### 4.5.2 Vehicle and Plant Emissions

Vehicle and plant emissions on site will be controlled by implementing the following mitigation measures:

- All vehicles and plant will not be left running whilst not in use;
- All vehicles and plant, whilst waiting to be cleaned or cross in convoy, will have the engine switched off;
- If necessary, low emission vehicles will be used and plant will be fitted with catalysts, diesel particulate filters or similar devices;
- If necessary ultra-low sulphur fuels will be used in on site vehicles and plant;
- All vehicles on site will be regularly and well maintained in accordance with the manufacturer's recommendations; and
- Avoidance, if possible, of the use of diesel or petrol powered generators and utilising connections to the mains electricity.

#### 4.5.3 Dust Management and Monitoring

Dust control measures will be integrated on site during the construction phase to minimise emissions of dust and other particulates that could potentially adversely affect local air quality.

Daily, visual inspection at all areas of the construction site and site boundary will be carried out by site personnel. If significant visual dust emissions are observed at the boundaries of the operational areas, action will be taken to suppress the dust. A record of the inspection findings and remedial action taken will be made in the Site Diary.

In order to minimise the emissions of dust from the construction works, the following measures will be implemented:

- Speed limits will be implemented for vehicles using the site;
- All vehicles entering and leaving the site will be covered;
- A water bowser will be on permanent standby to dampen down any surfaces;
- All dust suppression equipment will be kept in good condition and be regularly maintained;
- The haul road, areas of hard standing and concrete surfacing will be maintained and cleaned when necessary;
- Any areas of hard standing or unsurfaced areas will be dampened down in particularly hot or dry periods of time;
- Local public roads will be inspected daily, and if required will be cleaned;
- The Site Manager or nominated person will ensure that all bulk cement and other fine powder materials are delivered to site in enclosed tankers and stored in silos with suitable emission control systems;
- Any materials prone to emitting dust will be stored/stockpiled away from the construction site boundary;



- Discharge heights to the construction plant will be kept as low as possible to prevent windblown dust;
- Site access, the haul road and operational areas will be maintained and repaired to minimise emissions of dust due to uneven and poor surfacing;
- All roads and operational areas will be swept where necessary to reduce dust emissions; and
- A water suppression system will be in place, if necessary, during any demolition works.



### 5.0 Vehicle Routeing and Off-Site Control Measures

#### 5.1 Vehicle Routeing

No specific routeing is considered to be required for construction workforce vehicles; however, as discussed all will arrive and depart from the existing former coal store site access on the B6371 (known as Loverose Drive).

All HGVs will access the site access to the former coal store yard via the A1 and the B6371.

All delivery contractors and construction staff will be instructed to use the agreed construction access routes, and a number of measures will be implemented to ensure compliance:

- Temporary signs will be installed on the construction access route from the A1 prior to the commencement of construction activities, with the nature and placement of signage to be agreed with ELC as LRA;
- The access route will be communicated by the applicant to all companies and/ or drivers involved in the transport of materials and plant to and from site by HGV construction vehicle:
- Data from HGV vehicles that are fitted with monitoring devices (such as Global Positioning System (GPS) tracking) to record the routes, timing, speed of vehicles when making deliveries, will be available to assist in auditing and complaint investigation; and
- The registration numbers for all HGVs making deliveries will be recorded. Coupled with the HGV monitoring device data (where fitted) outlined above, this will allow a check of any reported breaches of the agreed delivery route and undertake enforcement action if required.

#### 5.2 Driving and Speed Restrictions

Drivers of all vehicles (cars, Light Goods Vehicles (LGVs) and HGVs) will be encouraged to drive in a safe and defensive manner at all times within speed limits.

All cars and drivers of site operative vehicles used for commuting to and from site must be road worthy and legally compliant. All commercial vehicles and drivers must be road worthy and legally compliant.



### 6.0 Complaints and Enquiry Procedures

#### 6.1 Enquiries and Complaints

It is important that members of the public or interested parties are able to make enquiries or valid complaints about the transport elements of the construction works. Such complaints and enquiries can provide a valuable feedback mechanism which helps reduce potential impacts on sensitive features and also allows the construction techniques to be refined and improved.

All complaints and enquiries will be logged promptly by the applicant and kept on site for review by ELC as LRA upon request.

#### 6.2 Checking and Corrective Action

As outlined above, it is intended for the Final CTMP to be a 'living document' which is updated periodically as and when required.

Each contractor will be responsible for establishing a programme of monitoring, the results of which will be fed back for inclusion within the CTMP if necessary.

Any checking or corrective action required will also be monitored. This methodology will ensure that the construction activities are being undertaken in accordance with the CTMP.

The procedure for addressing non-conformance/ compliance and ensuring that corrective actions are undertaken is outlined below:

- Completion of a Non-Conformance Report this will record any traffic related incident and work that has not been carried out in accordance with the CTMP or Method Statement;
- Completion of a Corrective Action Report this will record any identified deficiency as a result of monitoring, inspection, surveillance and valid complaint; and
- Action any necessary actions identified as a result of the above will be allocated to a responsible person, along with a timescale for the action to be undertaken.

Records of the above will be retained by the applicant throughout the construction process. The records will be maintained either in hard copy or electronically in such a manner that they are readily identifiable, retrievable and protected against damage, deterioration or loss.





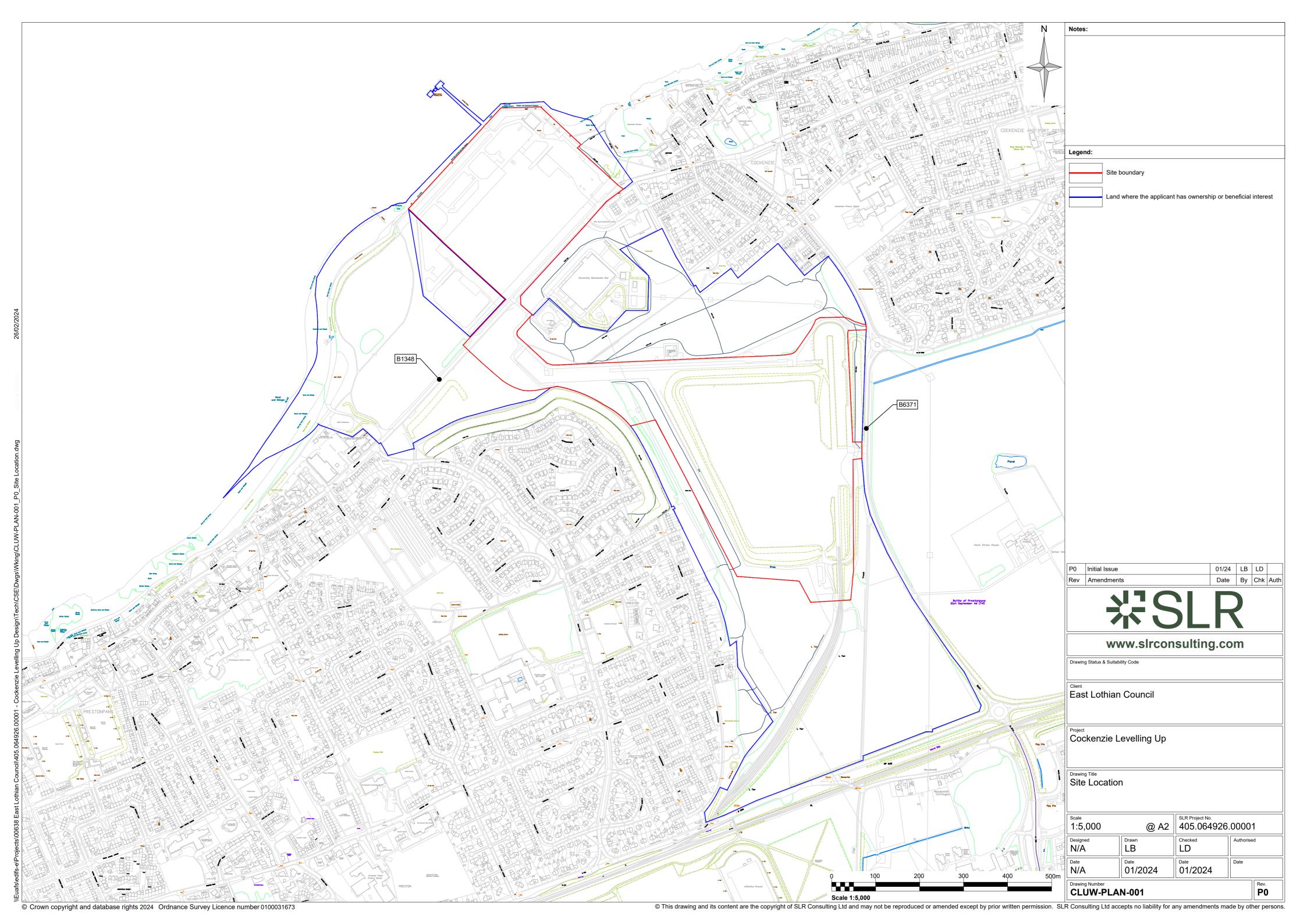
# **Appendix A** Site Location

# **Construction Traffic Management Plan**

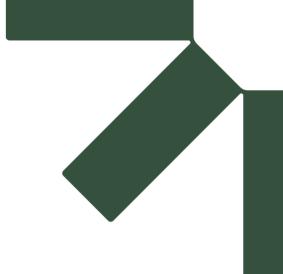
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# **Appendix B** Existing Site Layout

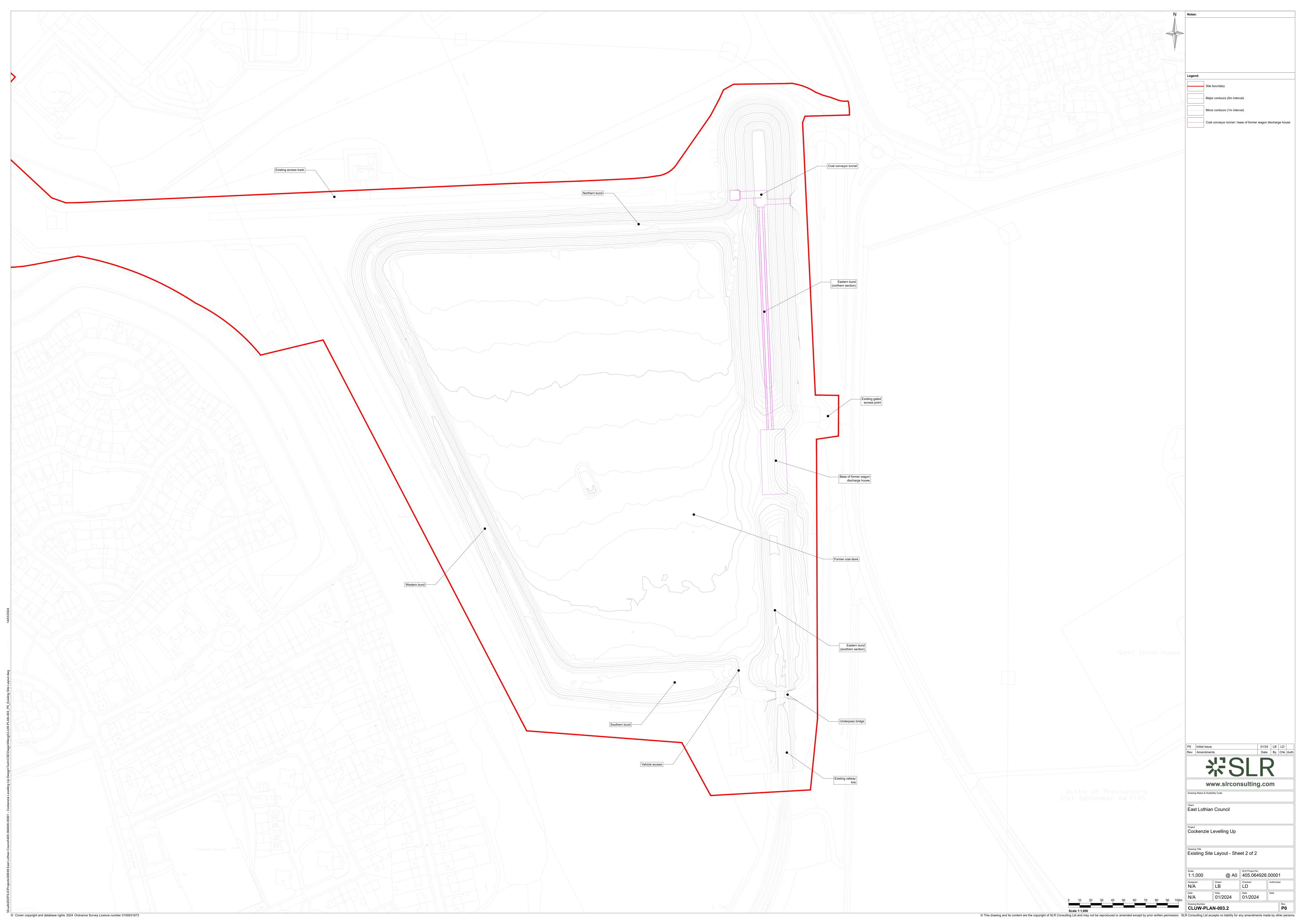
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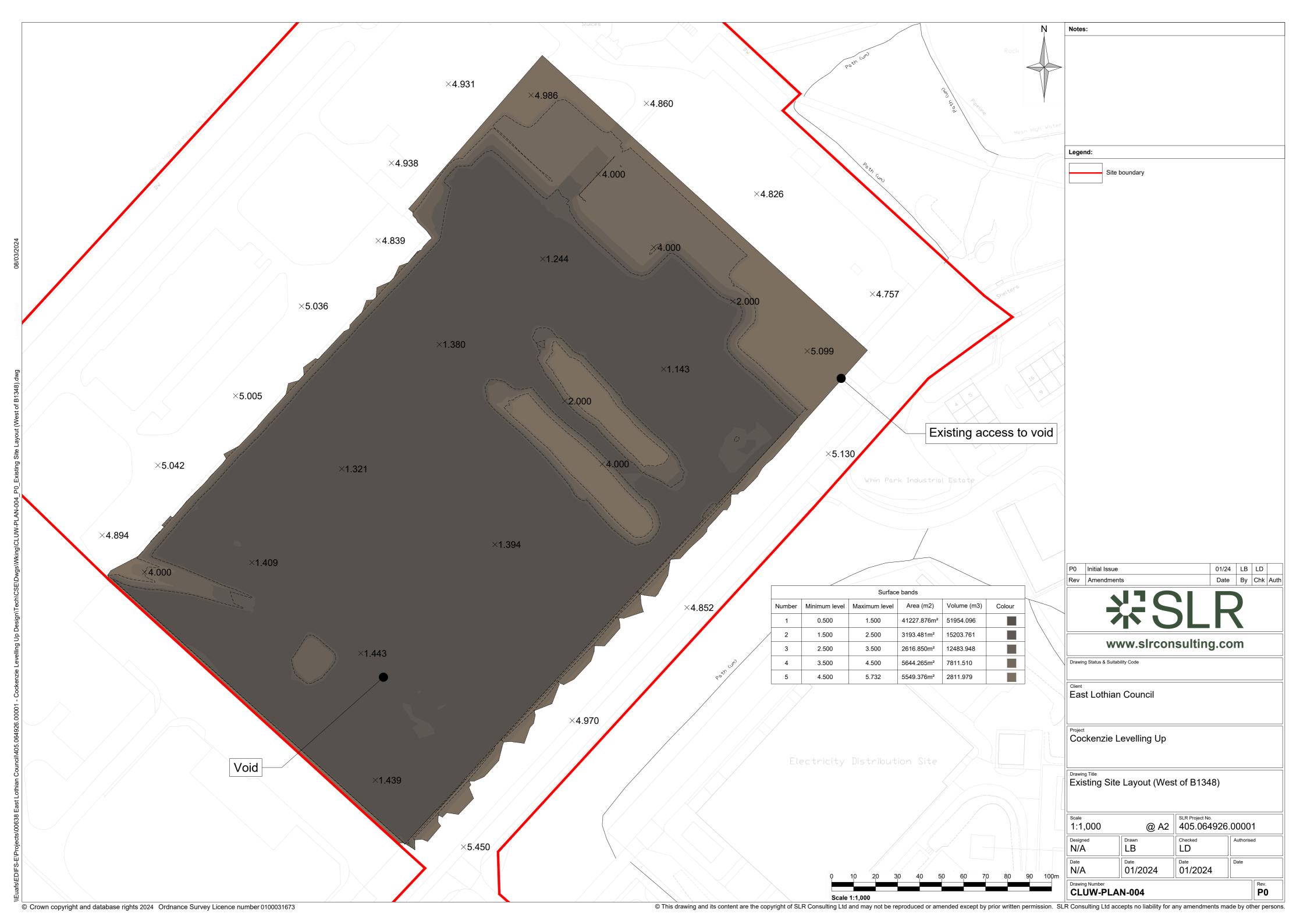
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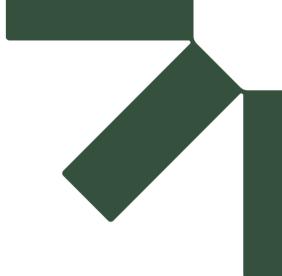












# Appendix C Proposed Site Layout – Phase 1

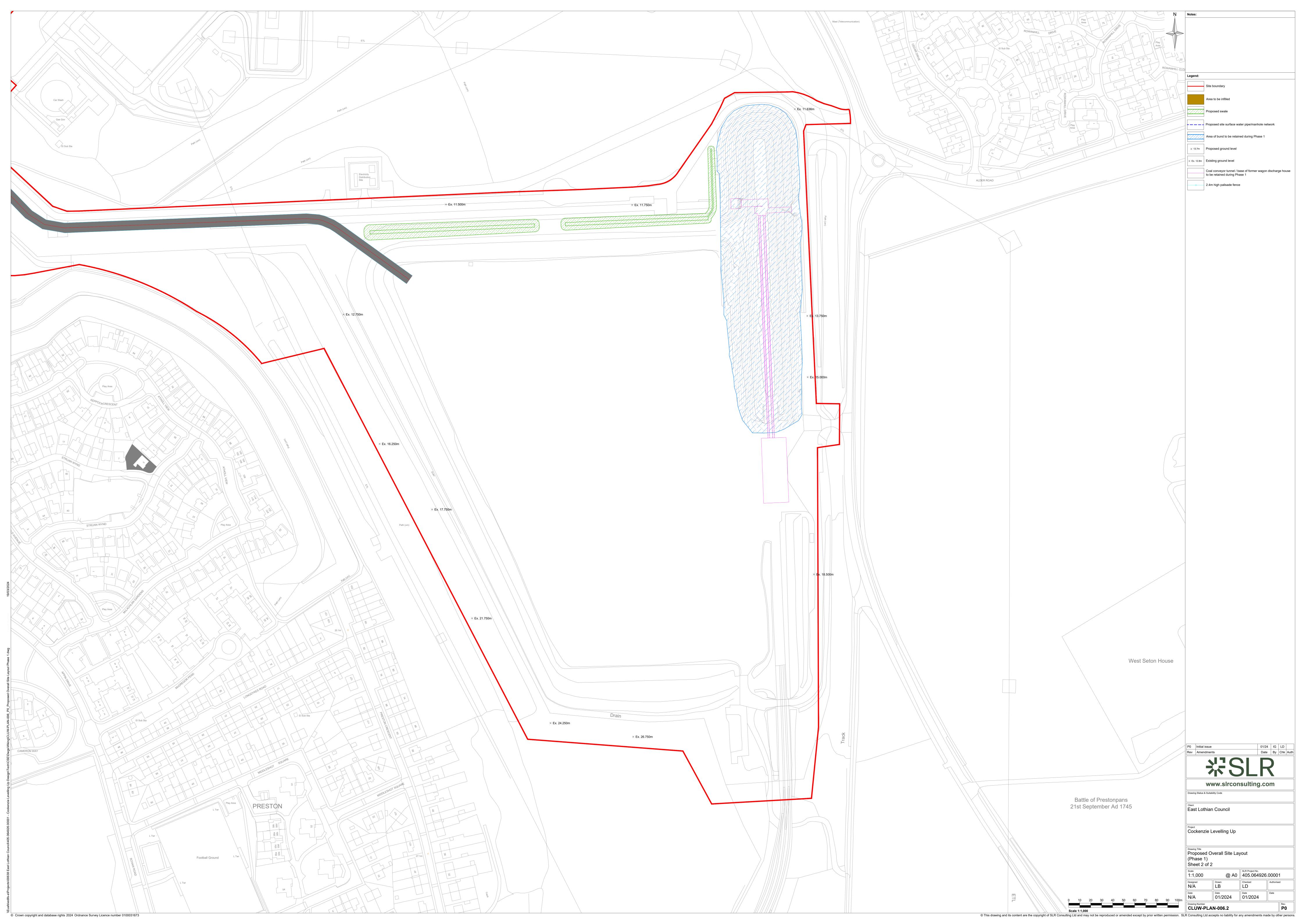
## **Construction Traffic Management Plan**

**East Lothian Council** 

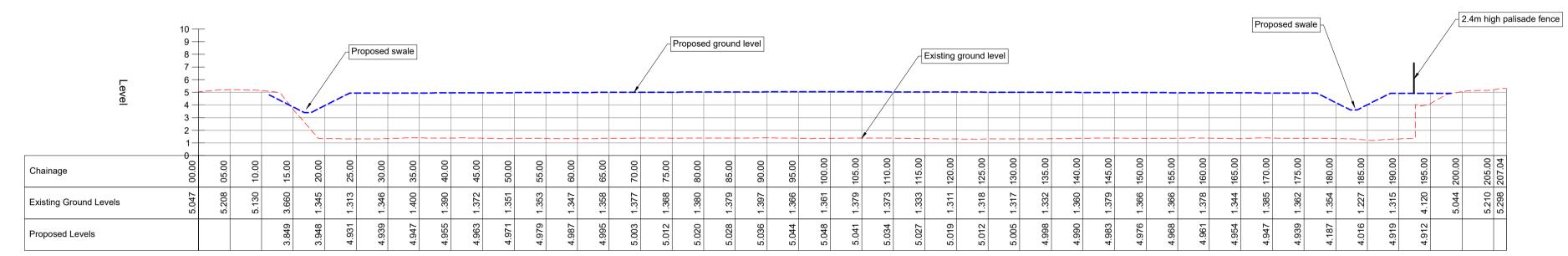
SLR Project No.: 405.064926.00001











**Section A** Scale: H 1:500,V 1:250. Datum: 0.000

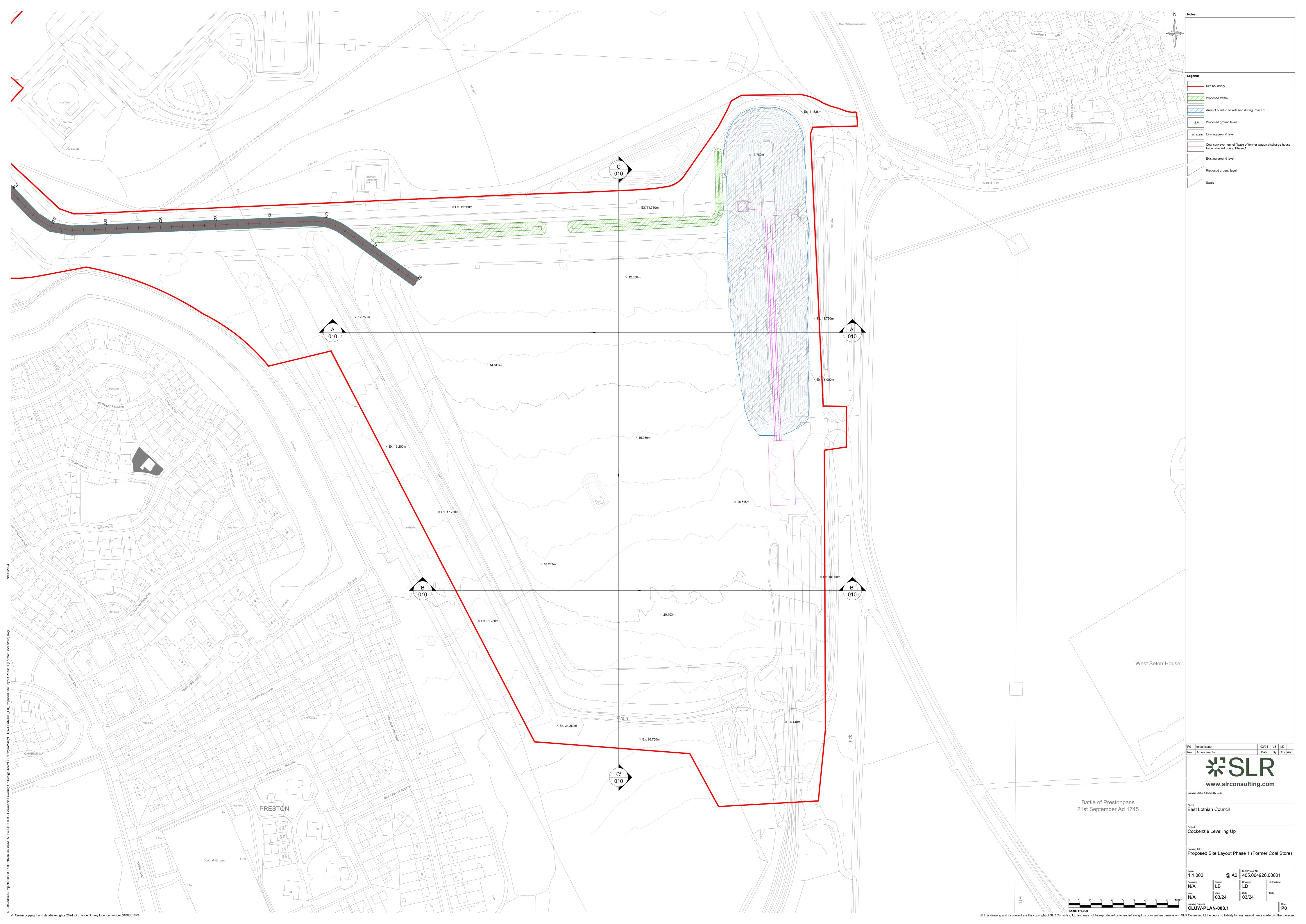
Г <sub>Ф</sub>	10 — 9 — 8 — 7 — 6 — 6 — 6												,		oosed grou					Existing ground level							Existing bunds to be removed											/	/ _	pposed swal							
<u>é</u>	3				,																									\	/																
Chainage	00.00	05.00	15.00	20.00	30.00	35.00	40.00	50.00	55.00	60.00	65.00	75.00	80.00	85.00	95.00	100.00	105.00	115.00	120.00	125.00	130.00	140.00	145.00	155.00	160.00	165.00	175.00	180.00	190.00	195.00	200.00	210.00	215.00	220.00	230.00	235.00	240.00	245.00	255.00	260.00	265.00	270.00	280.00	285.00	290.00	300.00	303.42
Existing Ground Levels	5.114	1.411	1.442	1.381	3.075	3.155	3.193	1.430	1.427	1.389	1.387	1.466	1.456	1.387	1.341	1.347	1.369	1.390	1.376	1.287	1.381	1.346	1.272	1.375	1.372	1.362	2.589	5.199	2.868	1.340	5.149	5.143	4.558	1.344	1.212	1.357	1.278	1.318	1.363	1.341	1.337	1.319	1.541	3.204	3.914	3.882	5.000
Proposed Levels	5.050	5.050	5.049	5.049	5.048	5.047	5.047	5.046	5.046	5.046	5.045	5.044	5.044	5.044	5.043	5.043	5.042	5.041	5.041	5.041	5.040	5.040	5.039	5.039	5.038	5.038	5.037	5.037	5.036	5.036	5.035	5.035	5.034	5.034	5.033	5.033	5.032	5.032	5.031	4.342	3.239	4.386	5.028	5.028	5.027	5.027	

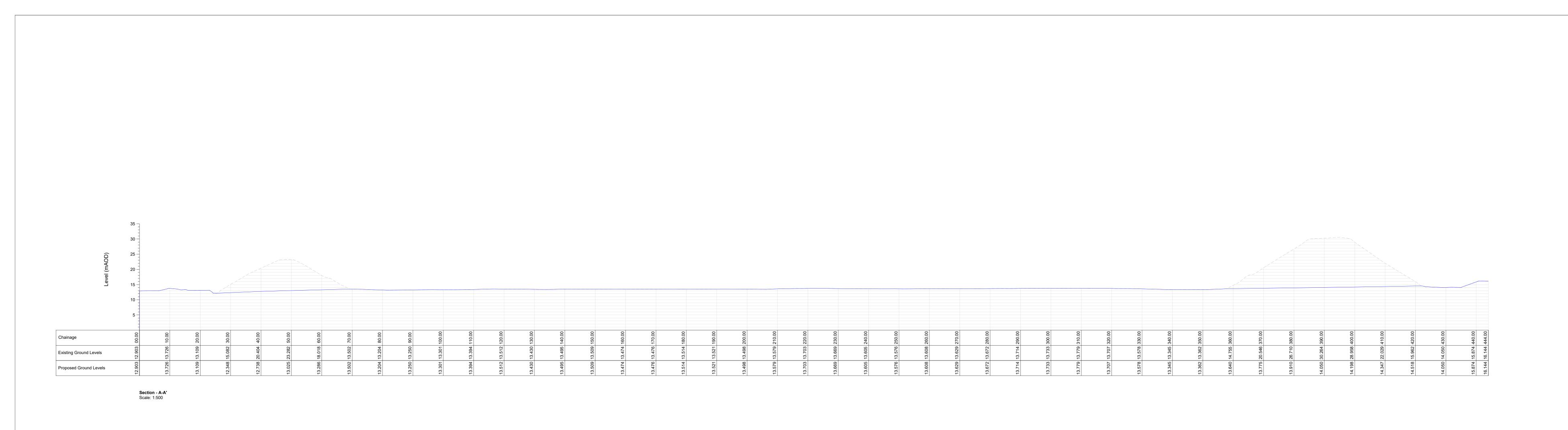
**Section B** Scale: H 1:500,V 1:250. Datum: 0.000

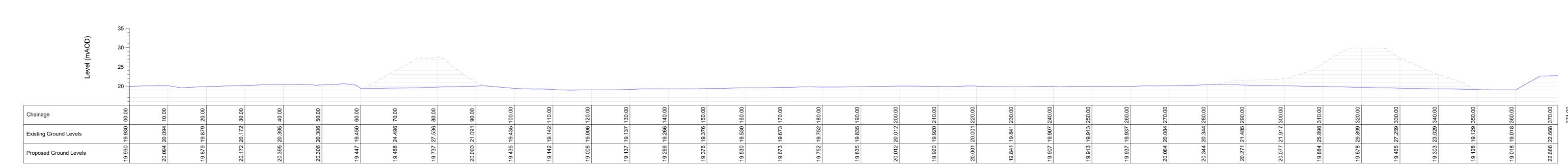
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1926.00										Scale 1:500
	<b>深</b> 8	71 F	~	East Lothian Council			Notes:		Legend:	
St Lothiar	www.slrco	nsulting.c	om	Cockenzie Levelling Up					Proposed ground level	
Drawing Status & S	Suitability Code									
Designed  Designed	l <b>G</b>	Checked LD	Authorised	Cross Sections Phase 1 (Void & Haul Route)						
Date	Date 05/03/2024	Date 05/03/2024	Date .							
Drawing Number  CLUW-PI	LAN-007.1		Rev.	Scale As Shown @ A1 SLR Project No. 405.064926.00001	P0 Initial Issue  Rev Amendments	Date   By   Chk   Auth   Rev   Amendments	Date By Chk Auth			

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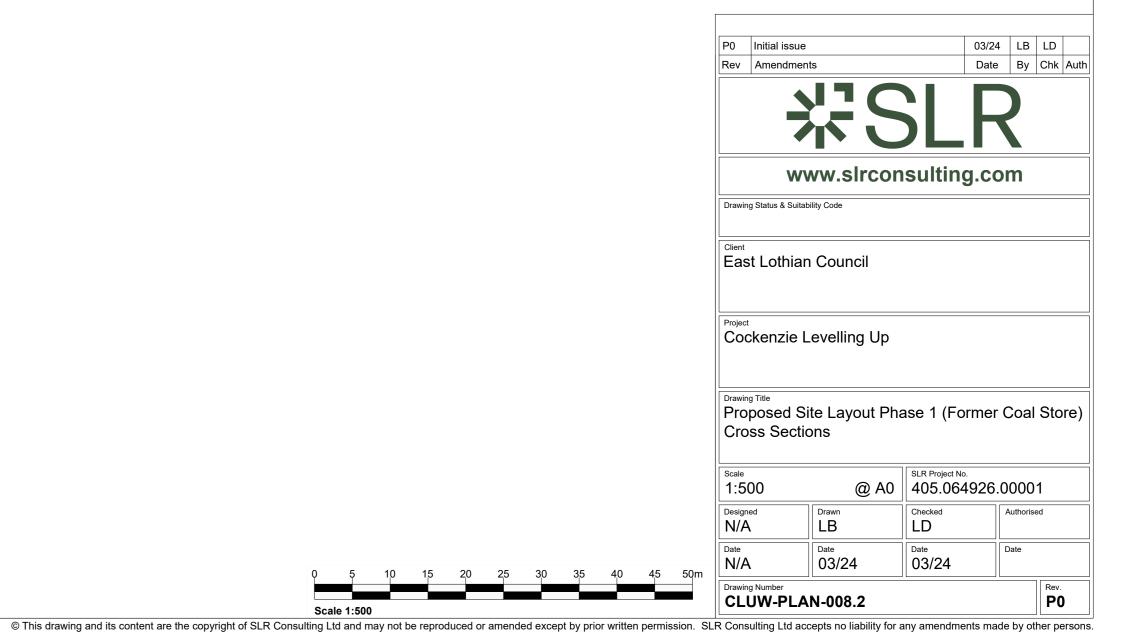


Section - B-B' Scale: 1:500

Level (mAOD)	35 - 30 - 30 - 30 - 30 - 30 - 30 - 30 -																																							
Chainage	000	0.00	0000	000000000000000000000000000000000000000	0.00	00.00	0.00	00.00	00.00	0.00	0.00	0.00	00.0	0.00	00.00	00.00	00.0	0.00	00.00	00.00	00.00	0.00	00.00	0.00	00.00	00.00	00.00	0.00	00.00	0.00	00.00	0.00	00 00	00.00	0.00	0.00	00 0	00.00	00.00	0.00
	0 0	7 20 10	δ 2 2	0 8 0i	7	<u> </u>	9 9	1 2 2	7 13	4	7 7 7	3 17	- 0 - 2 0 7	5 20	2	0 23	5 24	9 25	9 29	2 27	7 6	30	31	33 33	9 34	7 35	1 37	98	0 36	ε 4	8 42	2 43	4 4 2	2 7 9 P	7 47	9 48	7 46	3 51	8 52	2 53
Existing Ground Levels	14.69	11.63	11.70	21.27	14.47.	12.29	12.56	12.64	13.27	13.58	13.95	14.62	14.86	15.23;	15.45	15.67	16.13	16.31	16.58	16.85	17.36	17.58	17.84	18.38	18.97	19.51	19.66	19.68	19.73	20.94	21.76	21.77	22.06	22.84	29.14	27.26	24.46	26.35	26.59	26.89
Proposed Ground Levels	14.699	11.639	11.704	12.301	12.991	12.299	12.566	12.645	13.277	13.586	13.957	14.623	14.861	15.232	15.459	15.679	16.135	16.316	16.586	16.852	17.361	17.582	17.840	18.381	18.976	19.517	19.668	19.686	19.730	20.943	21.768	21.775	22.064	22.722	22.715	23.016	24.467	26.353	26.598	26.895

Section - C-C' Scale: 1:500

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Site boundary

Proposed swale

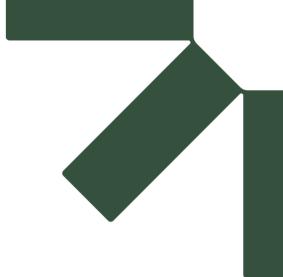
×13.7m Proposed ground level

×Ex. 12.8m Existing ground level

Existing ground level

Area of bund to be retained during Phase 1

Coal conveyor tunnel / base of former wagon discharge house to be retained during Phase 1



# Appendix D Proposed Site Layout – Phase 2

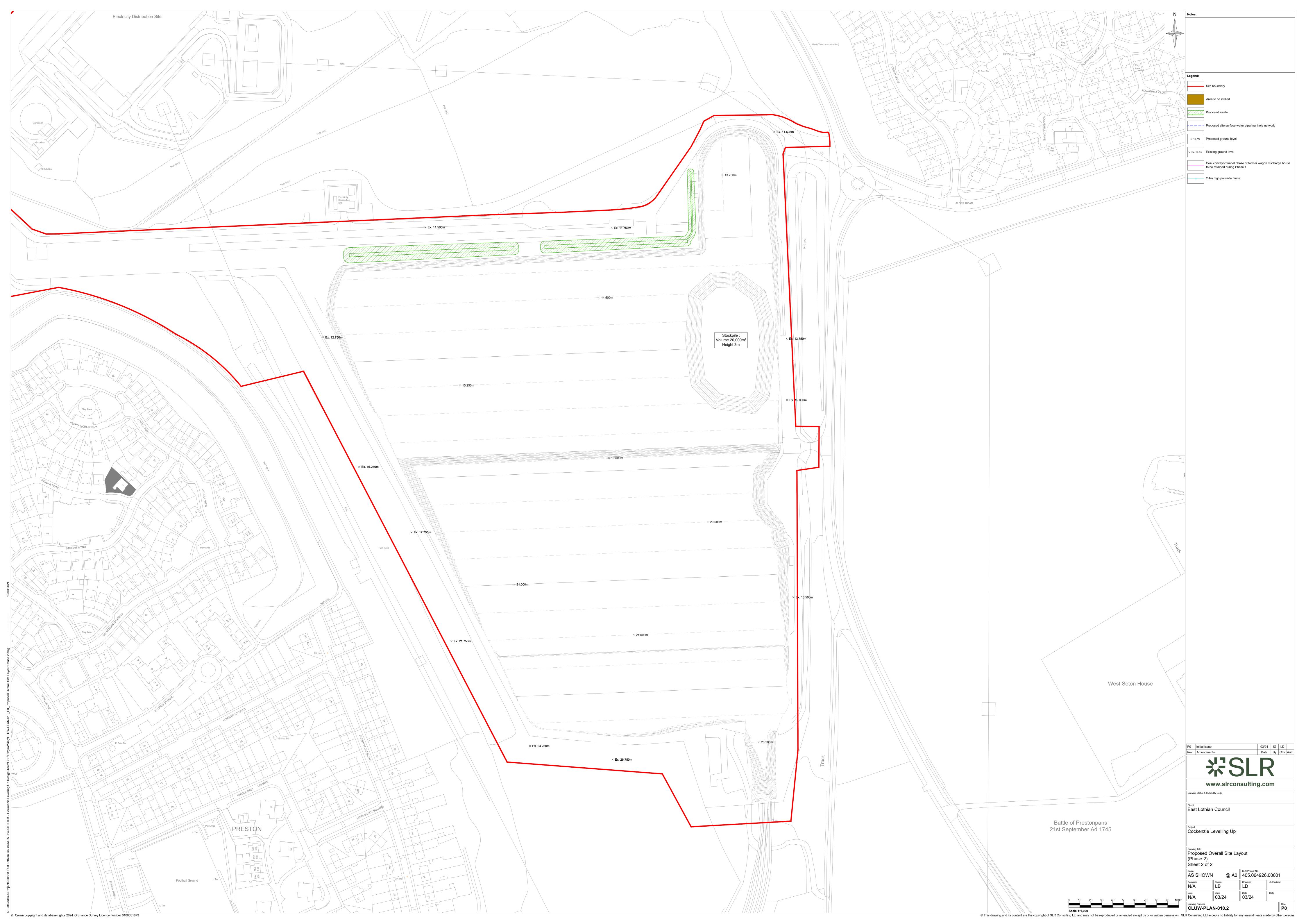
## **Construction Traffic Management Plan**

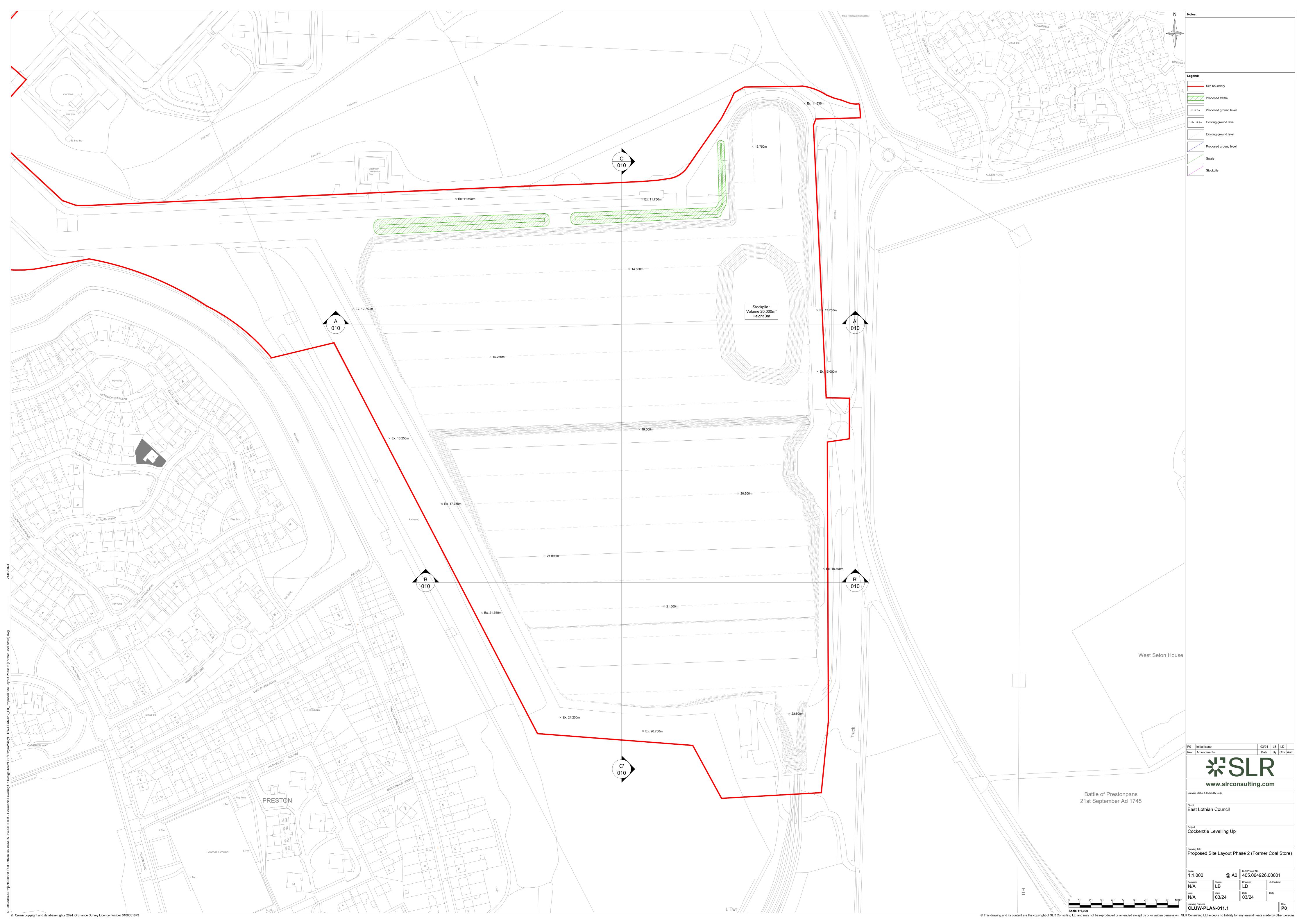
**East Lothian Council** 

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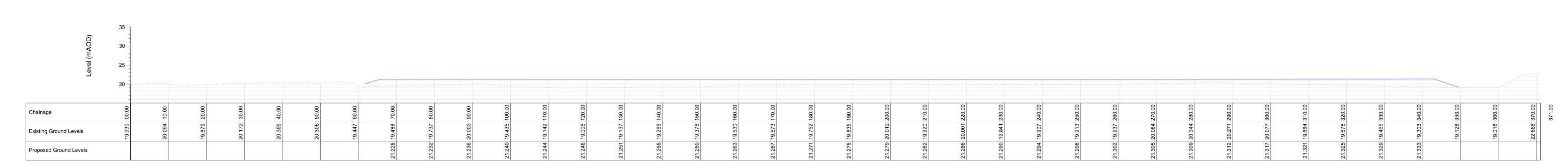




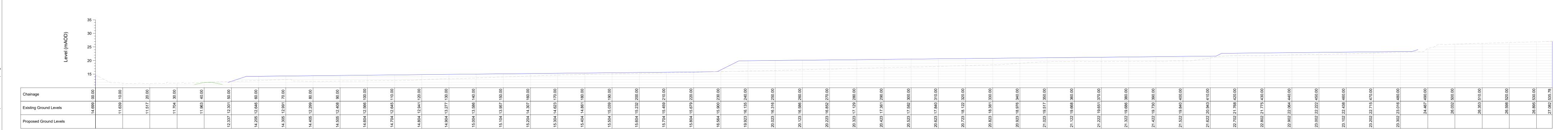






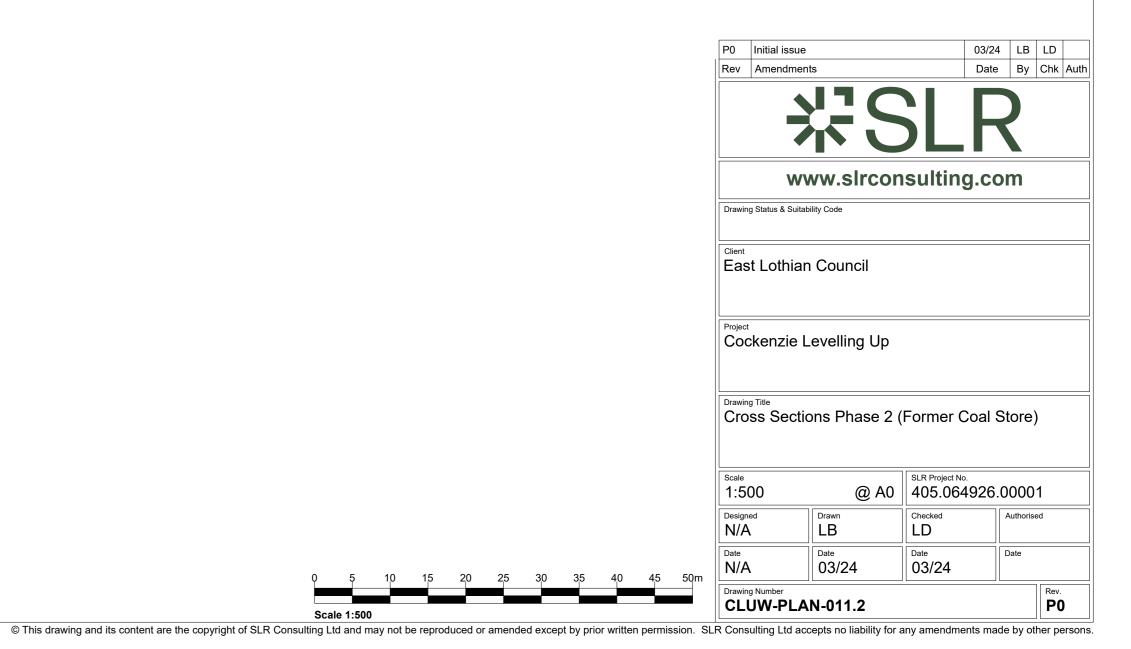


Section - B-B' Scale: 1:1000



Section - C-C' Scale: 1:1000

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Notes:

×Ex. 12.8m Existing ground level

Existing ground level



# Appendix E Haul Road and Crossing Design

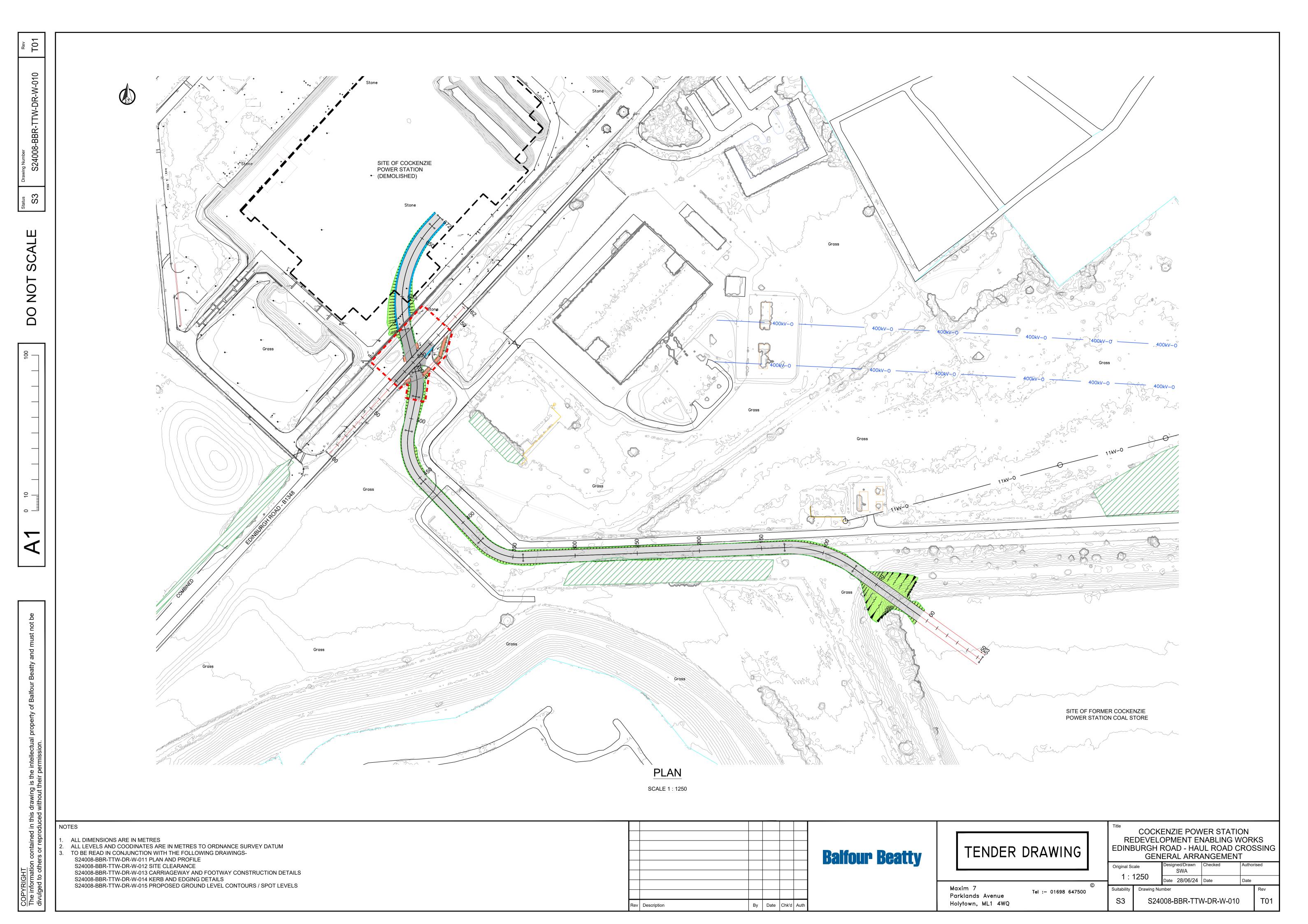
### **Construction Traffic Management Plan**

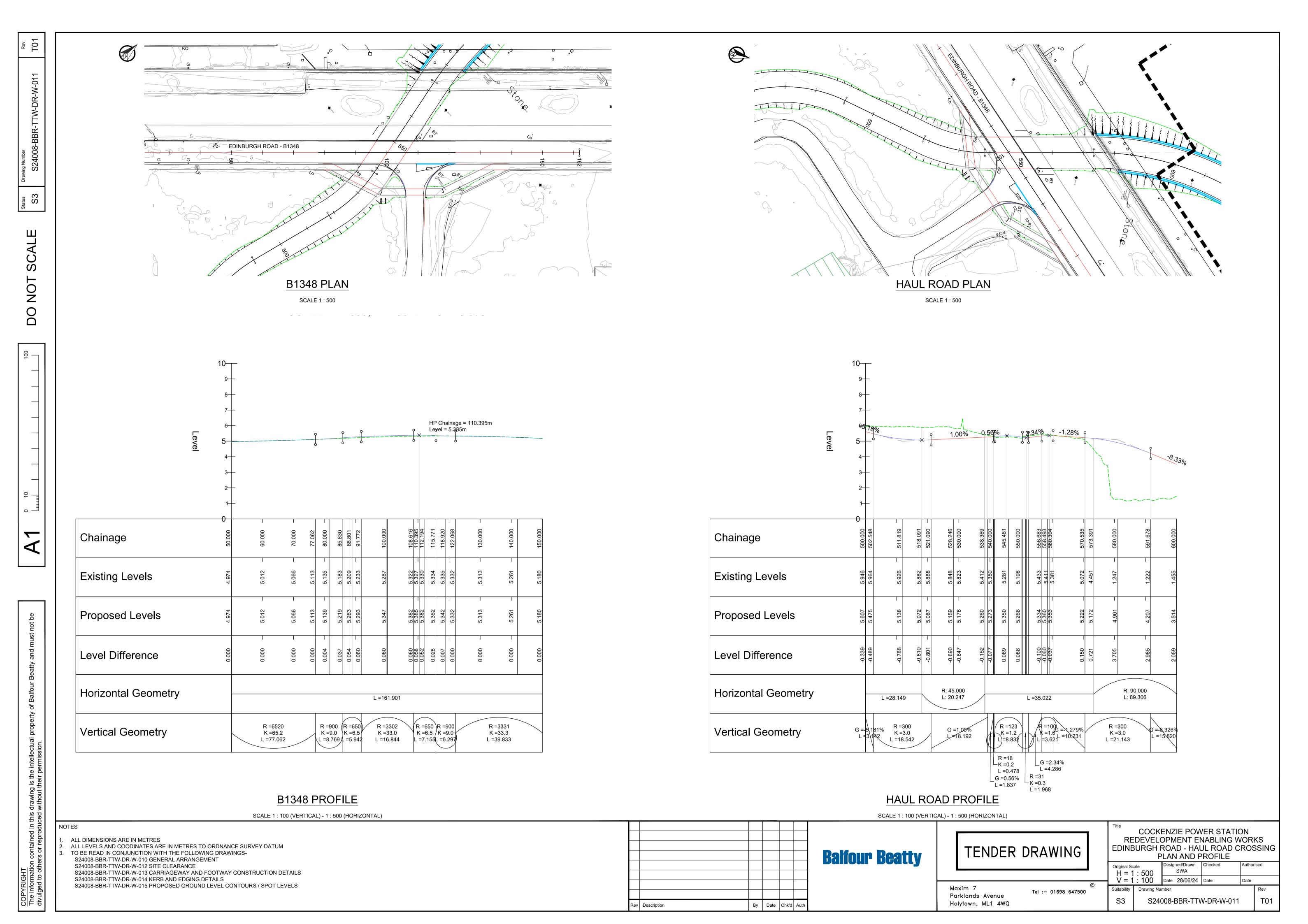
**East Lothian Council** 

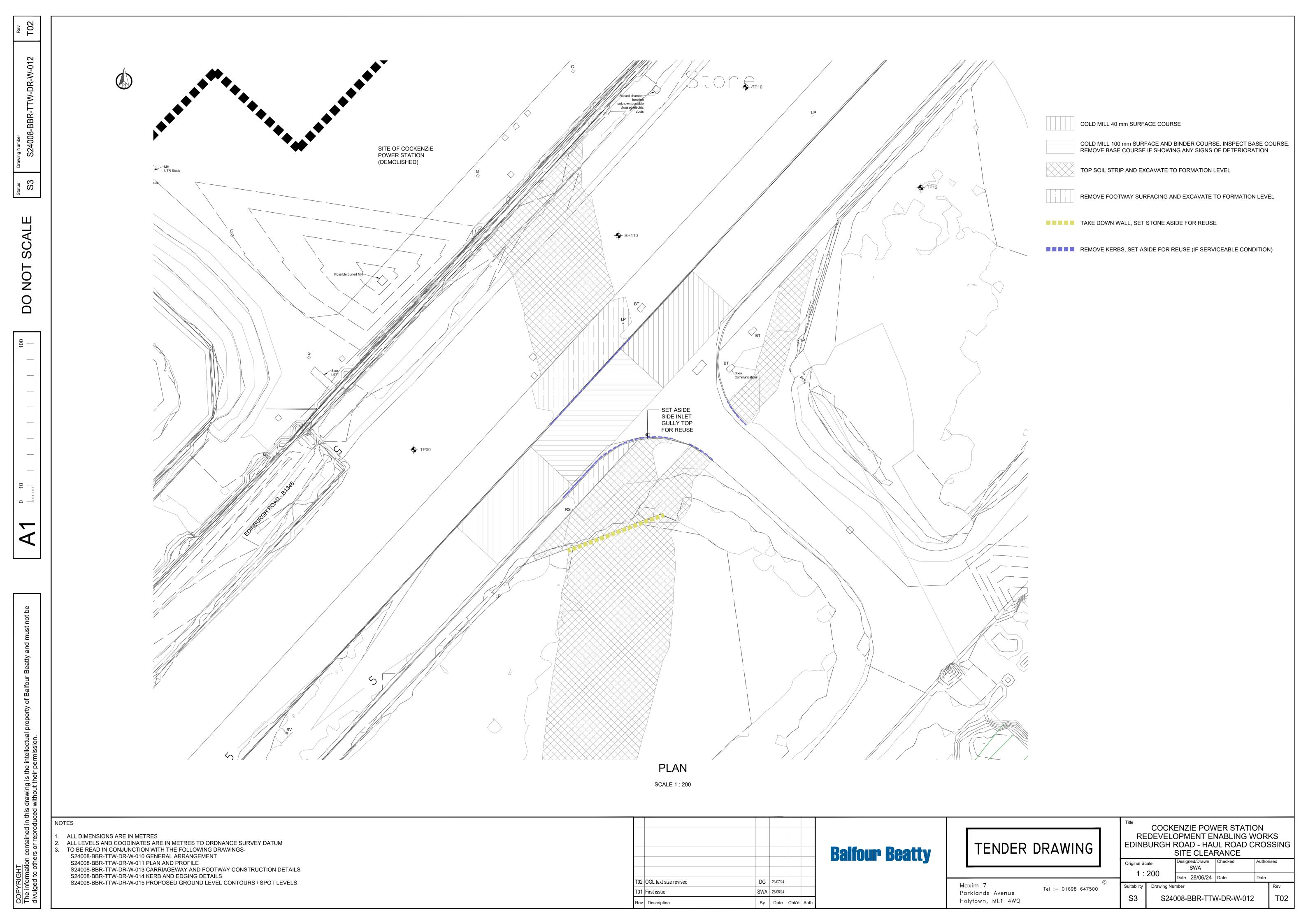
SLR Project No.: 405.064926.00001

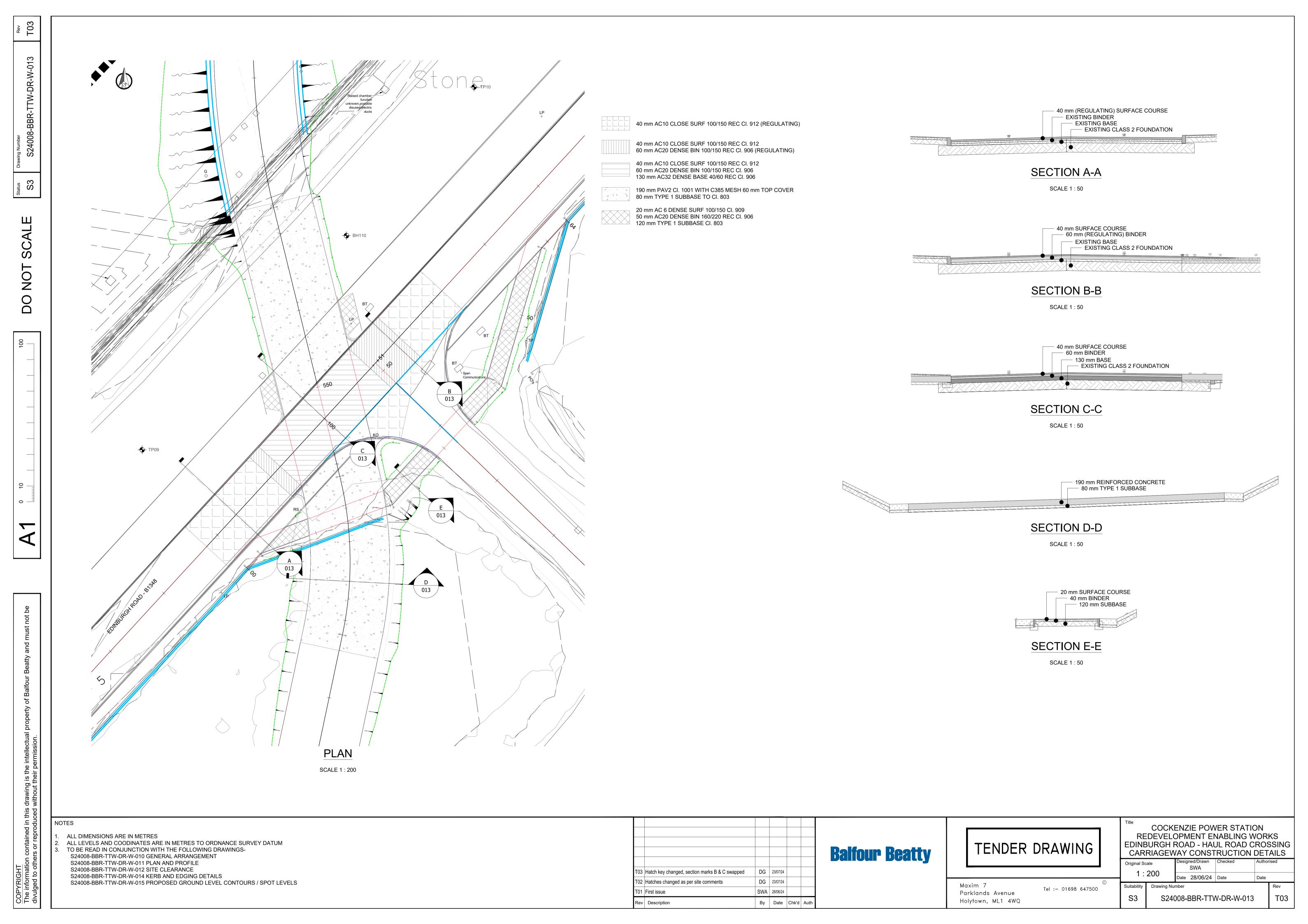
26 August 2024

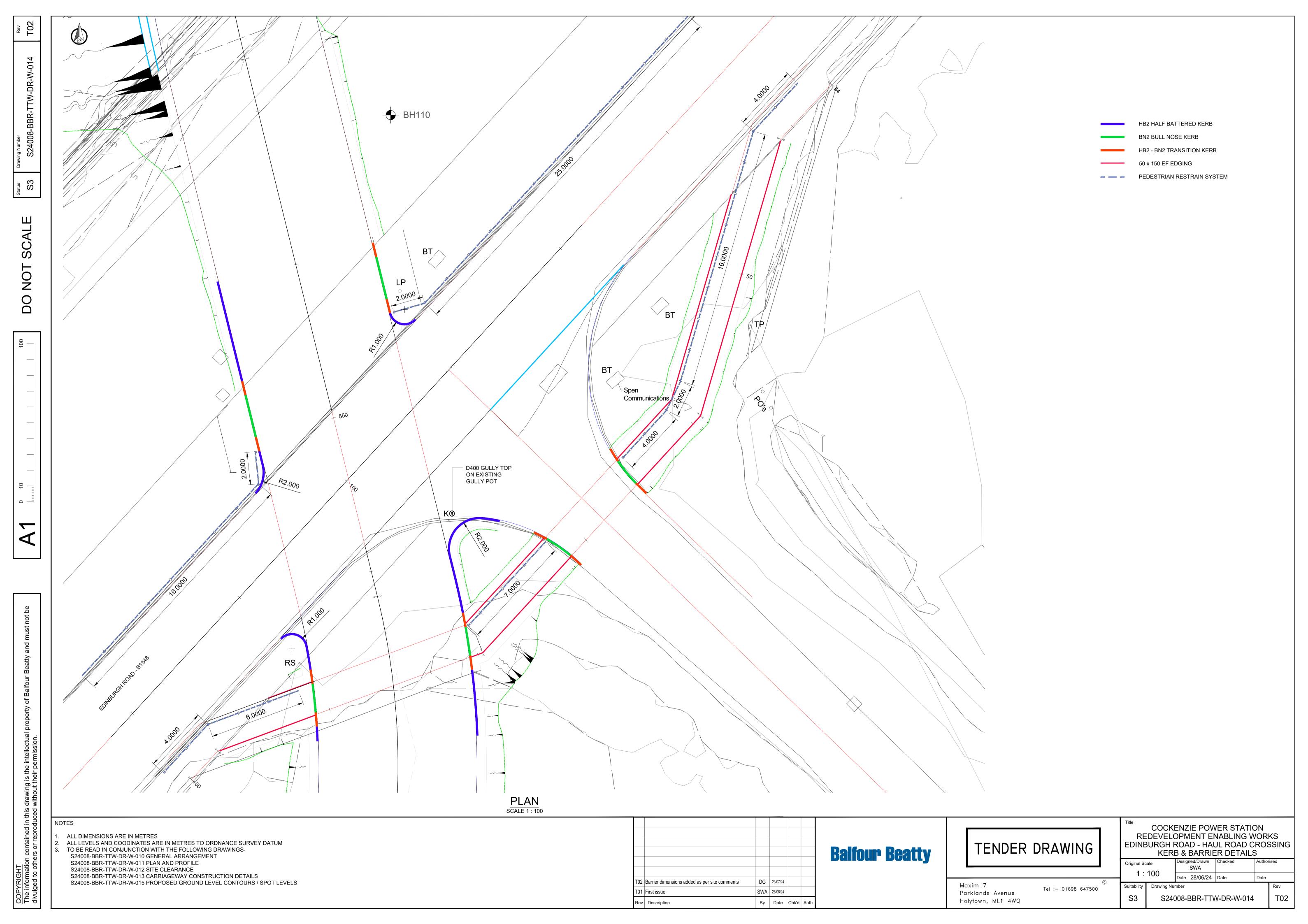


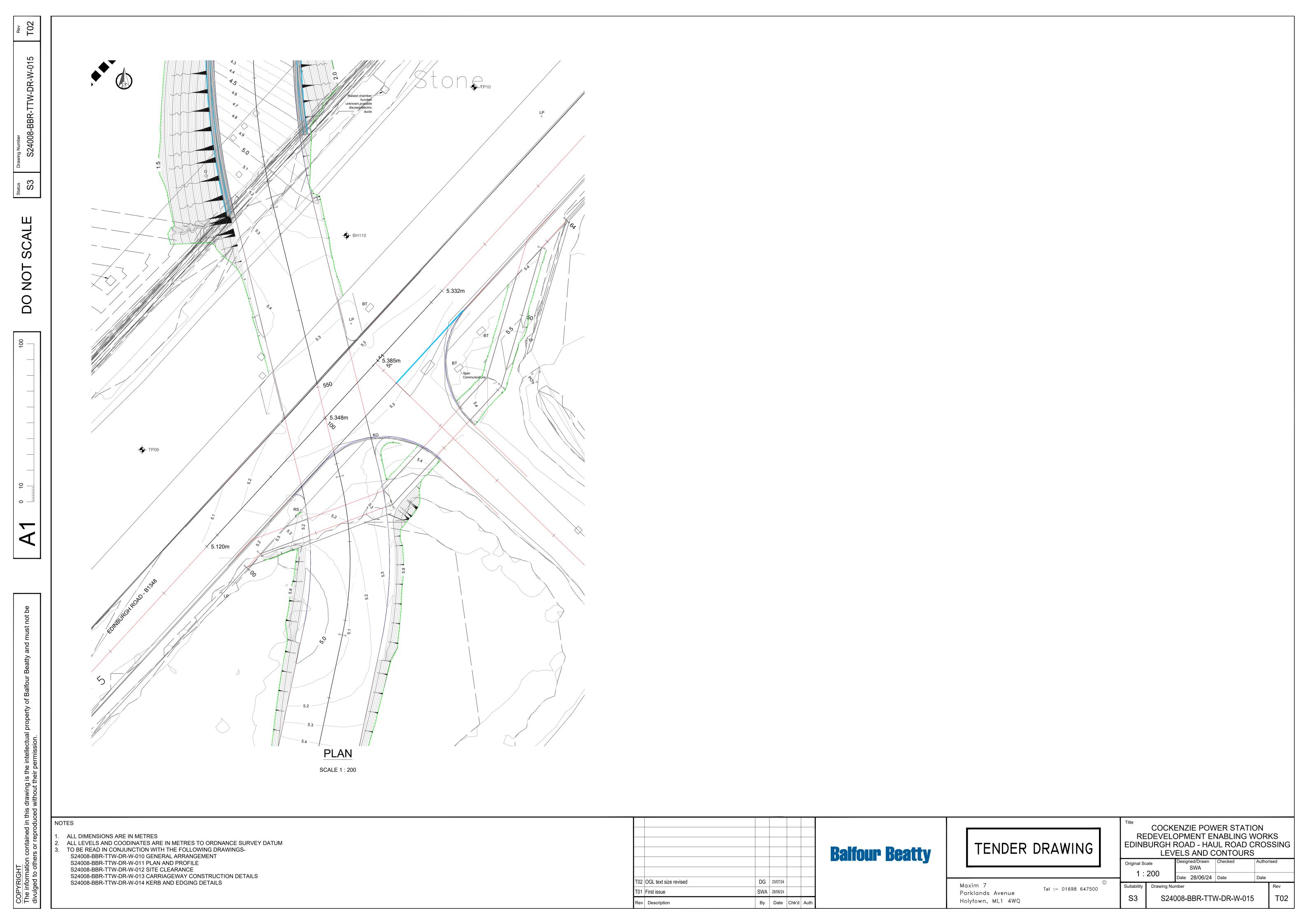




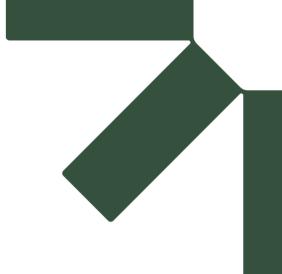












## Appendix F Site Access and Compounds

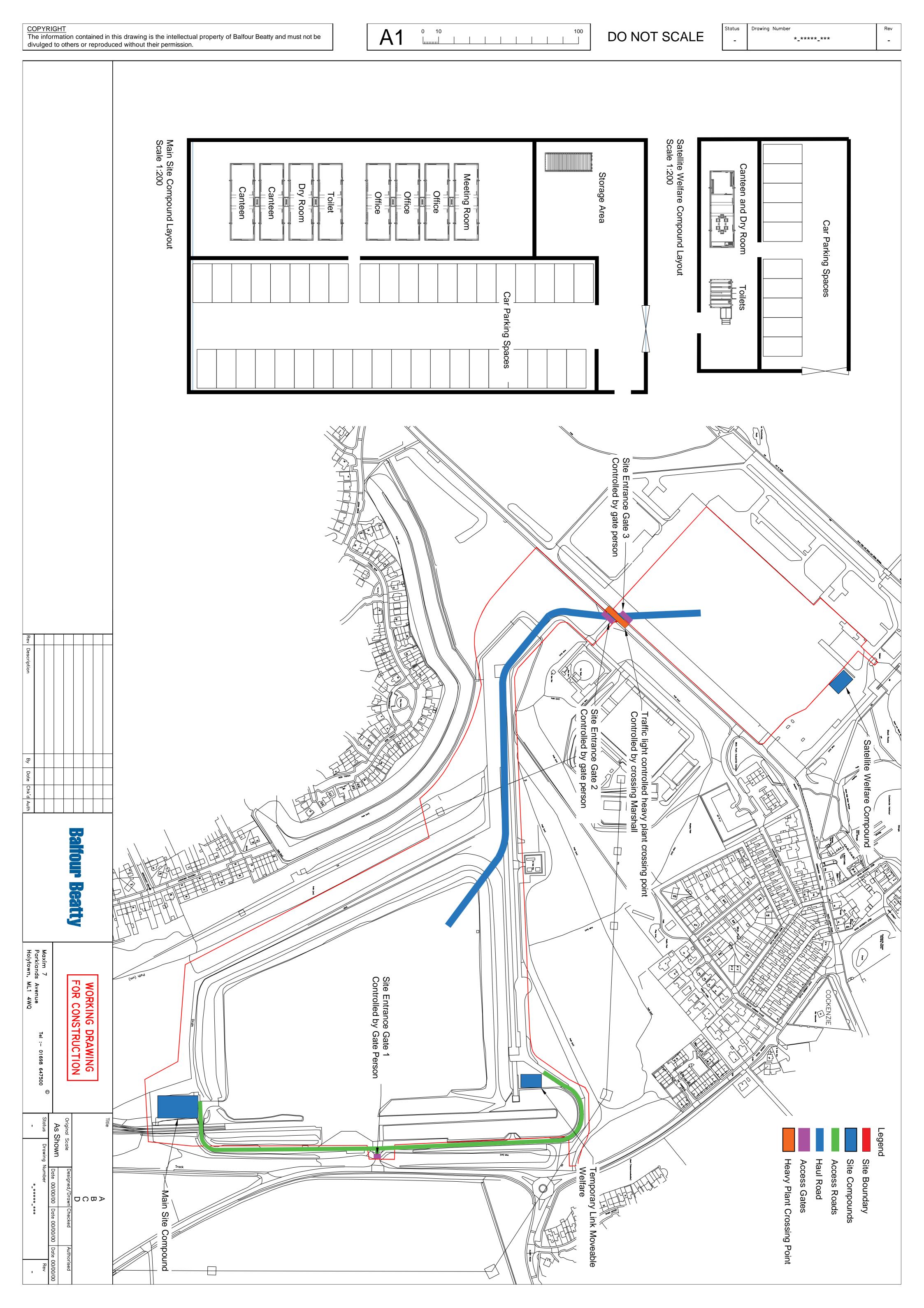
### **Construction Traffic Management Plan**

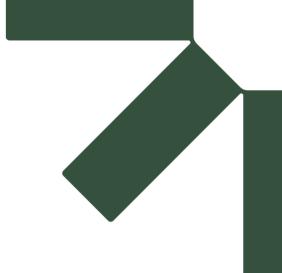
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26 August 2024







## Appendix G Haul Road Crossing Operation

### **Construction Traffic Management Plan**

**East Lothian Council** 

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26 August 2024



