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**3078:23**

**PROPOSED DEVELOPMENT OF ERECTING NEW WORKSHOPS AND OFFICES AT  
FORMER ABATTOIR SITE, CIBYN INDUSTRIAL ESTATE, CAERNARFON**

**CONSTRUCTION TRAFFIC & ENVIRONMENTAL MANAGEMENT PLAN**

Hydref / October 2023

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## 1. INTRODUCTION

This Construction Traffic & Environmental Management Plan gives specific guidance and procedures for the safe working methods to be adopted by all site personnel. The proposal for the site is the erection of a new workshop and welding building together with a new office/workshop building, a vehicle washing building and other ancillary spaces on a former abattoir site for Cerbydau Masnachol Cibyn Cyf., in Cibyn Industrial Estate, Caernarfon.

## 2. SITE ACCESS

Access to the site will be controlled by personnel who have the main contractor's authorisation to do so. Accessing with vehicles will be done by using the existing site access via Lôn Cae Darbi of Cibyn Industrial Estate as shown in the image below:



EXISTING SITE ACCESS FROM LÔN CAE DARBI

When accessing site all vehicle operators must ensure that the relevant safety measures are undertaken in accordance with this document. Where deliveries are being made the Site Manager will ensure that materials are offloaded to the correct controlled area and that a banksman is present where required and vehicles utilise any beacons and reversing aids available.

Access to site will be during normal working hours as set out below:

Monday to Friday	8am – 6pm
Saturday	8am – 1pm
Sunday / Bank Holiday	No Working

### 3. SITE ADMINISTRATION

Responsibility for the traffic management is that of the main contractor along with any site appointed personnel (Site Manager). All traffic is to be managed in accordance with the requirements set out within this plan. Where necessary vehicles will be 'banned' to and from site to ensure public and site operatives' safety.

### 4. DELIVERIES TO SITE & SITE MOVEMENTS

A designated area will be established on site for all deliveries and parking of staff and sub-contractors' vehicles as shown in the Construction Site Plan include in the appendix of this document.

All deliveries will be arranged to arrive and depart outside of 'peak' hours, and deliveries will not be accepted within those expect where it cannot be reasonably avoided and only by prior arrangement. Peak hours are defined as 08:30 – 09:30 – 15:00-16:00. This will reduce the effect of construction traffic on other road users during these busy times.

Deliveries will be unloaded from the relevant vehicle in the designated unloading area on site and placed or transported to the designated material storage area, or if for immediate use will be transported directly to the relevant part of the site.

Deliveries will be managed to avoid multiple drops being made at the same time to avoid any congestion issues to the existing road network surrounding the site. Liaison will also be made with merchants to ensure that vehicles of the correct size are utilised.

All operatives / sub-contractors working on site must park on site where possible to avoid inconvenience to residents and road users. No vehicles should prevent access to any property at any time.

All plant and machinery on site will have flashing beacons when in operation to minimise the risks to other operatives on site.

All access and site roads will be kept clear of any obstructions to ensure adequate access is available for emergency vehicles at all times.

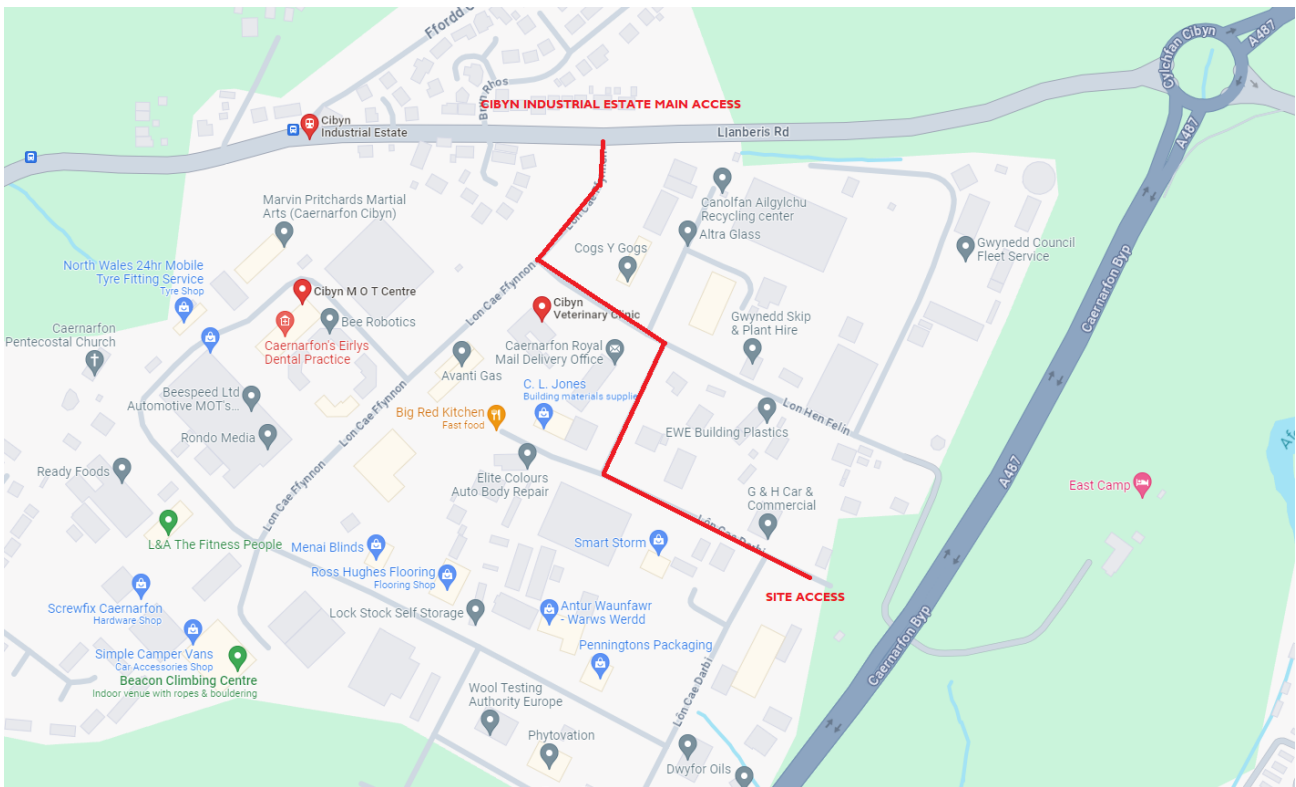
Any overhead cables will be identified and marked with adequate signage to prevent collision or damage by vehicles using the site.

## 5. THE ROUTING TO AND FROM THE SITE OF CONSTRUCTION VEHICLES, PLANT, AND DELIVERIES

All suppliers/removers of construction materials and any sub-contractors planning to work on the site will be fully briefed on the most appropriate route to take to the site.

The advised route will be:

- Llanberis Road either from Caernarfon direction or from Caernarfon Bypass direction
- Turn into Cibyn Industrial Estate road – Lôn Cae Ffynnon
- Take first left turn onto Lôn Hen Felin
- Take first right turning onto Lôn Cae Darbi
- Turn left at T-Junction and follow road to the end
- Site access on right hand side



CONSTRUCTION TRAFFIC ROUTE MAP FROM LLANBERIS ROAD

## 6. THE TYPE SIZE AND WEIGHT OF CONSTRUCTION AND DELIVERY VEHICLES

Much of the construction and delivery vehicles will be 17 tonne lorries, that are approximately 6.5 m long. These will be transporting all the materials goods to and from the site. There shall be no more than one of these vehicles at the site at any given time.

## **7. PEDESTRIAN MOVEMENTS**

Pedestrian access to the site is strictly prohibited and the existing 2.1m high site boundary steel palisade fencing will be used as safety and security fencing, the appropriate H&S signage will be attached to the boundary fencing. Any visitors to the site must adhere to the site rules. A designated walkway will be provided to access the Site Office, and visitors will be direct to the site office before they are allowed onto the wider site, these areas are shown on the Construction Site Plan included in the appendix of this document.

## **8. WHEEL WASHES**

Any vehicles visiting site must ensure that the access roads are kept free of site debris i.e. dirt, dust, hardcore etc. If needed wheel washes on site will be set up. Any debris inadvertently carried onto the highway because of construction activities will be cleared away by an appropriate contractor.

A hardstanding/s will be formed for site access roads, set down areas etc. to minimise issues. Any plant accessing other parts of the site would then either be contained to site, or if required to leave the site then mud and debris will be cleared from the vehicle/s before leaving using appropriate wash down facilities.

## **9. SITE PARKING**

All vehicles associated with the site will be parked in the allocated area as shown on the Construction Site Plan included in the appendix of this document. Parked vehicles on site should ensure that movement of other vehicles are not obstructed at any point and that the access and parking area should always be kept clear to ensure the free movement of traffic.

## **10. OPERATION OF SITE VEHICLES/MACHINERY**

During the construction period, site vehicles/machinery will be operated on site during the site operating hours as detailed within Section 4. If site machinery is to be used outside of the development site boundary appropriate licences will be obtained for the purposes of the work and in accordance with Highway Legislation. All site vehicles/machines should always utilise any health and safety equipment (beacons / sirens etc) when in operation and the use of a banksman encouraged.

## II. ENVIRONMENTAL MANAGEMENT

Implementation of a good Environmental Management System will ensure that the main contractor:

- Minimises any disturbance to the local & global environment.
- Complies fully with all relevant statutory regulations
- Maintains the appearance of offices and projects to the highest practical standards.
- Minimises the risk of pollution by waste products and toxic substances.
- Takes positive steps to manage waste effectively by promoting waste reduction, reuse and recycling, placing particular emphasis on paper, fuel, energy and construction materials.
- Continuously assesses and reviews environmental impacts.
- Trains employees to ensure that they are aware of the company's objectives and specific measures for their implementation.

The successful implementation of this policy demands awareness on the part of every individual within the company.

All employees have a responsibility for adhering not only to company procedures but also to continuously identify potential areas for improvement.

The main contractor will be briefed on their impacted action on the environment. The aim is to reduce all negative impacts on the environment created by the proposed development.

To achieve this, the main contractor will be encouraged to adopt the 3R's principle; Reduce, Reuse, Recycle. Whilst recycling is the element which receives the most exposure it should never be the prime target in the battle to reduce waste.

The main contractor has a duty to:

- Reduce Usage
- Reuse wherever possible
- Recycle

Wherever possible the main contractor will be urged to make the sites as green as possible, not only does this help reduce the CO2 emissions but will also help to reduce their internal waste and therefore reduces the project end costs.

The main contractor has a duty to:

- Encourage all staff to adopt eco-friendly practices, such as switching off unused lights and electrical equipment.
- Encourage employees not to print out documents unless necessary, then use both side of the paper if they do but to use e-mail as a preferred option of communication.
- Collect any used printer ink cartridges from the site and send to a company who re-fill cartridges for re-sale.
- Sort on site construction waste materials for recycling, where there is no capacity for separate waste disposal skips, the waste will be sorted for recycling by the client, Gwynedd Skip & Plant Hire Ltd. who have recycling facilities in their sister site on Cibyn Industrial Estate.

The development will not cause any nuisance by dust, fumes, noise, odour or artificial light and will be carried out in accordance with CIRIA Document C741, 2015 – Environmental good practice on site guide (fourth edition). All preventative measures will be undertaken on site e.g. dampening down of works where required, covering of waste containers etc.

If the need to use pneumatic rock equipment arises on site, the developer will take all reasonable steps to prevent nuisance being caused to residents for noise vibration and dust. Any rock breaking works required will only be undertaken during site hours and suitable controls will be taken to control wind-blown dust arising from the works and any stockpiles on site.

## **12. DUST**

Dust will be controlled by means of water predominantly whereby any works causing airborne dust will be dampened down with water suppressing equipment. The Site Manager will monitor the situation and take any actions needed during the development.



### **13. NOISE AND VIBRATION**

To minimise noise and vibration on site the main contractor will ensure that noise and vibration isolation equipment is used where possible. This will include utilising rubber bushes, sleeves, and anti-vibration mounts. The main contractor should update their plant and machinery on a regular basis as more emphasis on reducing vibration, noise and other emissions and pollutants are placed on newer models. The main contractor will be made aware that a development can be disruptive and intrusive to nearby properties / businesses and the community. The Site Manager will monitor the situation and take any actions needed during the development.

### **14. COMPLAINTS**

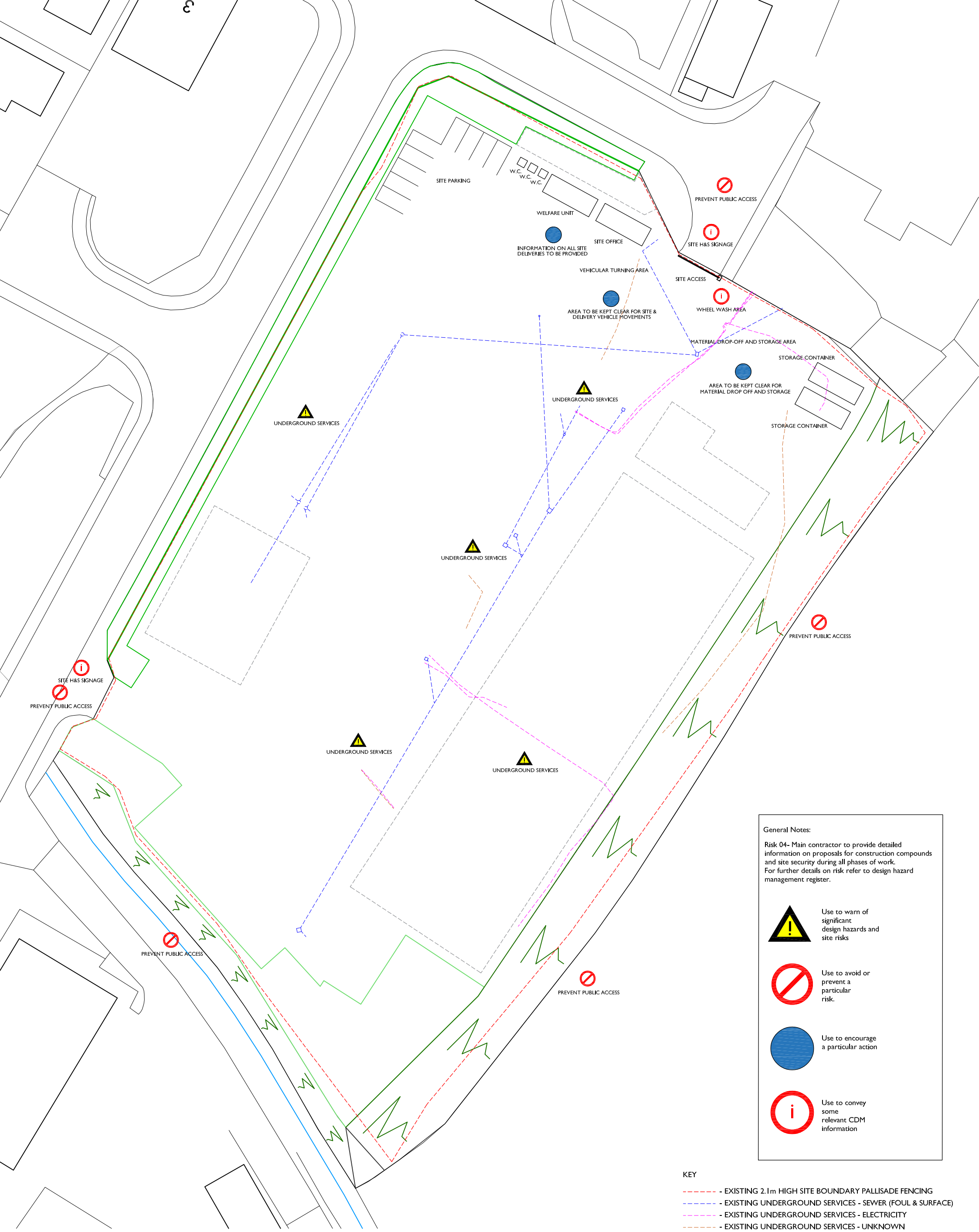
Signage showing both the main contractor and Cerbydau Masnachol Cibyn Cyf. contact details will be displayed at a prominent point at the site entrance. Should any concerns be received regarding the works these should be made to the site office where the Site Manager will liaise directly with the main contractor's General Manager. The General Manager will liaise with individuals to address any concerns regarding the works and will take the necessary agreed remedial action to resolve any issues raised. The Management System will be reviewed and changed in line with customer feedback, corrective action, preventive action, employee suggestions and generic opinions.

### **15. OTHER INFORMATION**

This Construction Traffic & Environmental Management Plan may be expanded and modified at any time on order to ensure that all working conditions are encompassed and to ensure that the safe operation on site is always maintained.







## 16. APPENDIX



**General Notes:**

Risk 04- Main contractor to provide detailed information on proposals for construction compounds and site security during all phases of work. For further details on risk refer to design hazard management register.

-  Use to warn of significant design hazards and site risks
-  Use to avoid or prevent a particular risk.
-  Use to encourage a particular action
-  Use to convey some relevant CDM information

- KEY**
- - - - - EXISTING 2.1m HIGH SITE BOUNDARY PALLISADE FENCING
  - - - - - EXISTING UNDERGROUND SERVICES - SEWER (FOUL & SURFACE)
  - - - - - EXISTING UNDERGROUND SERVICES - ELECTRICITY
  - - - - - EXISTING UNDERGROUND SERVICES - UNKNOWN
  - - - - - PROPOSED SITE BUILDINGS TO BE ERECTED

Peidiwch a chymryd mesuriadau graddfa oddi ar y dyluniad hwn  
 Os yn amau - gofynnwch  
 Do not scale from this drawing  
 If in doubt - ask

Mae'r dyluniad hwn yn hawffrnt: Penseiri Russell-Hughes ac ni  
 chaniateir ei gopio neu ei atgynhyrchu heb ganiatad

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Cynllun - Job  
**CERBYDAU MASNACHOL CIBYN CYF,  
 CIBYN INDUSTRIAL ESTATE, CAERNARFON**

Dyluniad - Drawing  
**CONSTRUCTION SITE PLAN**

Rhif Dyluniad - Drawing No.  
**3078:23:10**

Graddfa - Scale  
**1:500 A3**

Dyddiad - Date  
**October 2023**

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