

**Construction Management Plan**

Number: 6409

Author: Rupert Ogilvie

Issue: 3

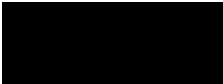
Date: 04.02.2022

Approver:

## Construction Management Plan

<b>Client –</b>	Welwyn Hatfield Borough Council
<b>Principal contractor –</b>	Bourne Parking Limited
<b>Site Address –</b>	Campus West, The Campus, Welwyn Garden City . AL8 6BX.
<b>Planning application Ref.</b>	6/2021/2207/MAJ.
<b>Contract Scope –</b>	To provide a new single storey car park, including open escape stairs, external elevation treatment and associated landscaping
<b>Contract Number –</b>	6425

Revision	Date	By whom	Reason for revision
0	26.10.20	James Sturgeon	Planning submission
1	18.02.21	James Sturgeon	Updated to single deck structure
2	07.04.21	James Sturgeon	Updated to incorporate Highways Pre-app comments
3	04.02.22	Rupert Ogilvie	Updated to incorporate HCC Highway Response from planning application.

Name	Role	Contact details	Address
Rupert Ogilvie	Responsible for submitting the CMP and updating the CMP/	<a href="mailto:rupert.ogilvie@bournegroup.ltd">rupert.ogilvie@bournegroup.ltd</a> 	Endeavour House, Crow Arch Lane, Ringwood, Hampshire

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			BH24 1HP
Lawrence Bradford	Responsible for day-to-day management of the works and dealing with any complaints from local residents, businesses & community liaison	<a href="mailto:lawrence.bradford@bournegroup.ltd">lawrence.bradford@bournegroup.ltd</a> 	Endeavour House, Crow Arch Lane, Ringwood, Hampshire

### 1.0 Introduction

#### 1.1 Description of the project

*The existing Campus West Car Park consists of surface level only parking with a total of 334 spaces (including 8 disabled bays). The car park is located adjacent to the Campus West leisure complex and Welwyn Garden City Central Library. A drop-off area is provided outside the Campus West leisure complex, accessed via the Campus West car park entrance. The car park is owned and operated by WHBC.*

*Bourne Parking will be responsible for the design and construction of a new single storey car park to provide an additional 156 spaces to the existing grade level car park at the Campus West site. The new car park will provide parking on ground floor plus one suspended parking deck.*

*The structure will comprise of a galvanised structural steel frame with Montex precast concrete floor units. The structure will be supported by reinforced concrete strip foundations. Polymer modified asphalt and drainage will be installed to the top parking deck.*

*LED lighting, CCTV, fire alarm, wayfinding signage and road markings will be installed to all parking levels. Together with EVC at ground floor level and provision for cycle racks.*

*The elevation treatment to the car park will comprise of PPC aluminium fins and a bespoke façade system to the stair towers and corners of the car park structure.*

*New soft and hard landscaping will be provided to the perimeter of the car park.*

*All working areas affected by construction activity shall be reinstated, as required.*

*A detailed construction programme shall be produced as part of our pre-construction planning. It is anticipated that construction works shall be completed within a 32-week period.*

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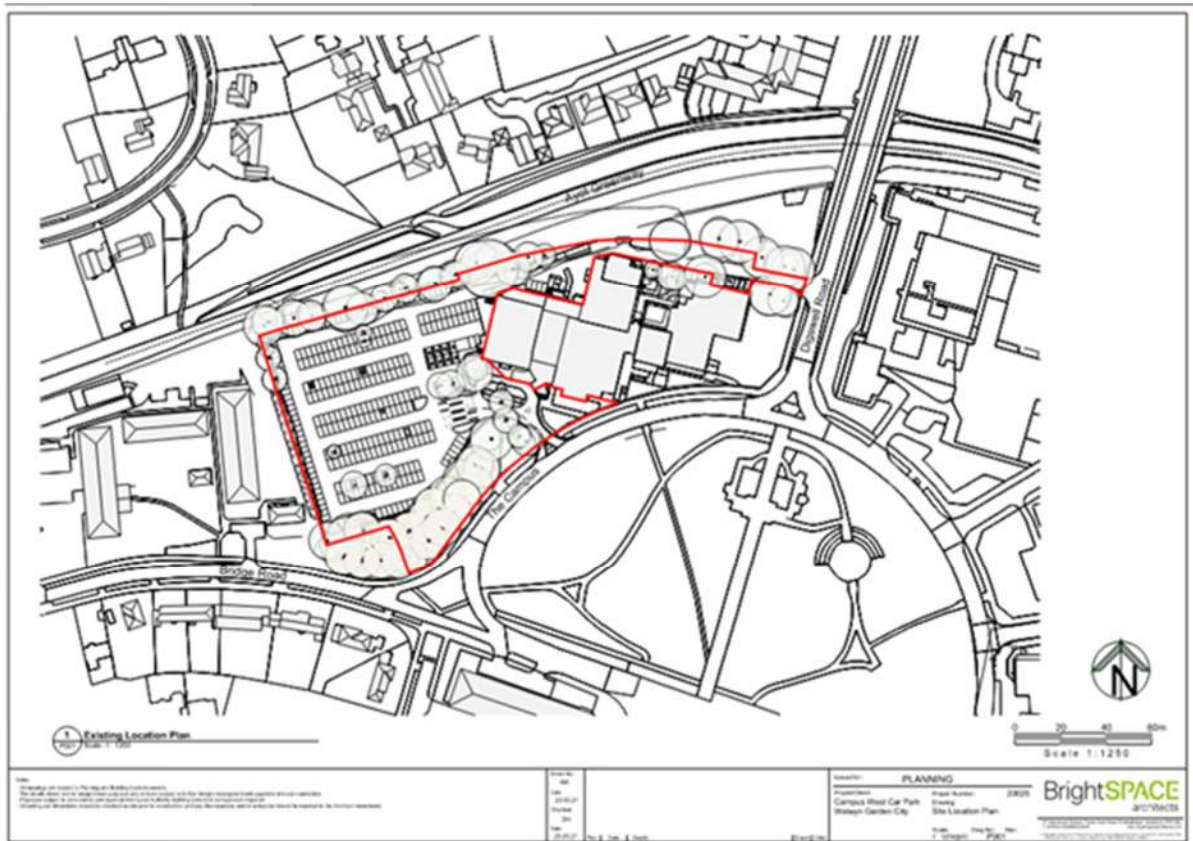
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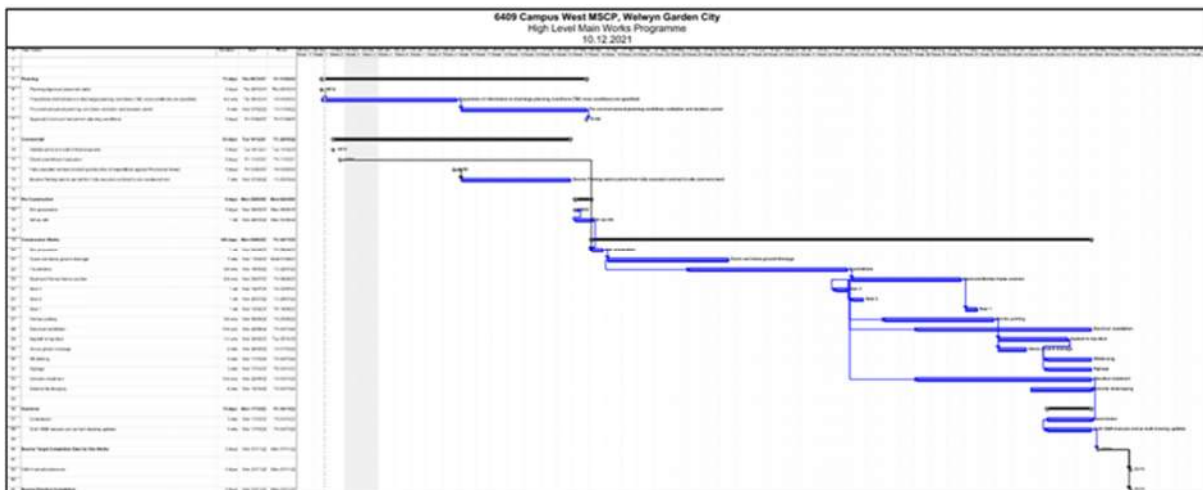
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## 1.2 Location Plan.



20025-Campus West-P001-Site Location Plan

## 2.0. Programme



Standard working hours for the site.

8.00am and 6.00pm on Monday to Friday 8.00am and 1.00pm Saturdays and at no time on Sundays and Bank Holidays.

The site period & substructure works are scheduled for a duration of 17 weeks.

The steel frame & precast slabs duration is approximately 8 weeks. This is explored in further detail in section 4 Logistics and Traffic Management.

M&E, finishes and landscaping will follow on after the frame completion.

The overall duration of the construction works is 33 weeks.

### 3.0 Consultation with public and local stakeholders

#### 3.1 Neighbouring sites.

A search of neighbouring sites has been carried using the Considerate Constructors Scheme Construction Map to establish local construction activity around the vicinity of the site. Which identified two live projects. BGL will contact both contractors to co-ordinate deliveries.



Site details ID 127113

Project Name Care Home for Welbrook LLP

Address adjacent to 45 Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3EG

Client Welbrook LLP

Local Authority Welwyn Hatfield Council

Contractor details

Principal Contractor CField Construction Ltd

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Project Period 30/8/2021 - 31/12/2022.

Site details ID 126712

Project Name 37 Broadwater Road

Address 37 Broadwater Road, Welwyn Garden City, Hertfordshire, AL7 3AX

Client Bishopswood Estates Ltd

Local Authority Welwyn Hatfield Council

Contractor details

Principal Contractor Total Construction Ltd

Project Period 24/5/2021 - 23/9/2022

### 3.2. Neighbouring Residents.

Bourne will issue a letter drop to neighbours introducing the site team along with a project email address allowing residents to relay their questions directly to them. As the project progresses regular letter drops will be done keeping the residents updated.

Example of Letter drop.



A register of comments / requests will be recorded and addressed accordingly.

Consultation will take place with local businesses to establish their delivery schedules and peak drop off/collection times and that the deliveries to the site shall then

In order to minimise disruption to the neighbouring residents and businesses, it will be important to properly consult with other stakeholders in a timely manner.

This process will commence with client representatives discussing the scheme with neighbours, including at public consultation meetings.



The next steps will be to consult with neighbouring businesses and schools to establish their delivery schedules and peak drop off/collection times necessary to maintain their normal operation. The deliveries to the site shall then be coordinated with these requirements to ensure minimal disruption to them.

These consultations shall be by email or in person, on a nominally monthly basis unless conditions dictate more or less frequent meetings.

Campus West shall not be blocked during construction by static plant or hoardings etc. and emergency access shall be maintained at all times.

Notices shall also be displayed on the site hoardings for public information purposes. This shall be undertaken in conjunction with WHBC's Project team. This shall include emergency contact information for out of hours problems, and an email address for making any comment or complaints.

Further signage shall be displayed warning of the dangers of the construction site and discouraging unauthorised access (especially by children).

Access onto and off site shall be controlled by gates which shall normally be closed. No vehicles shall reverse onto or from the highway without a traffic marshal or banksman.

### **3.3 Visitors**

All visitors to the site will sign in at the Site office.

All visitors to this site shall receive a briefing that covers the activities whilst on site. They shall be accompanied at all times by a member of site staff.



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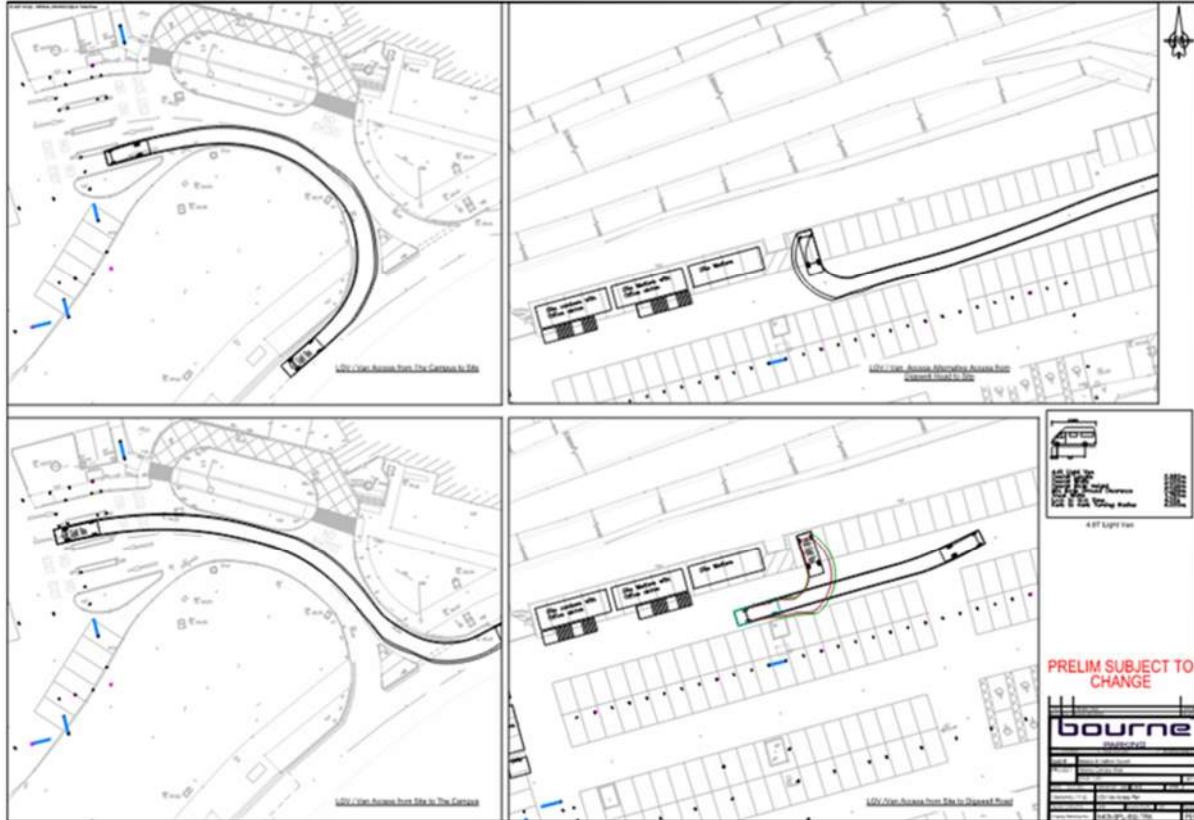
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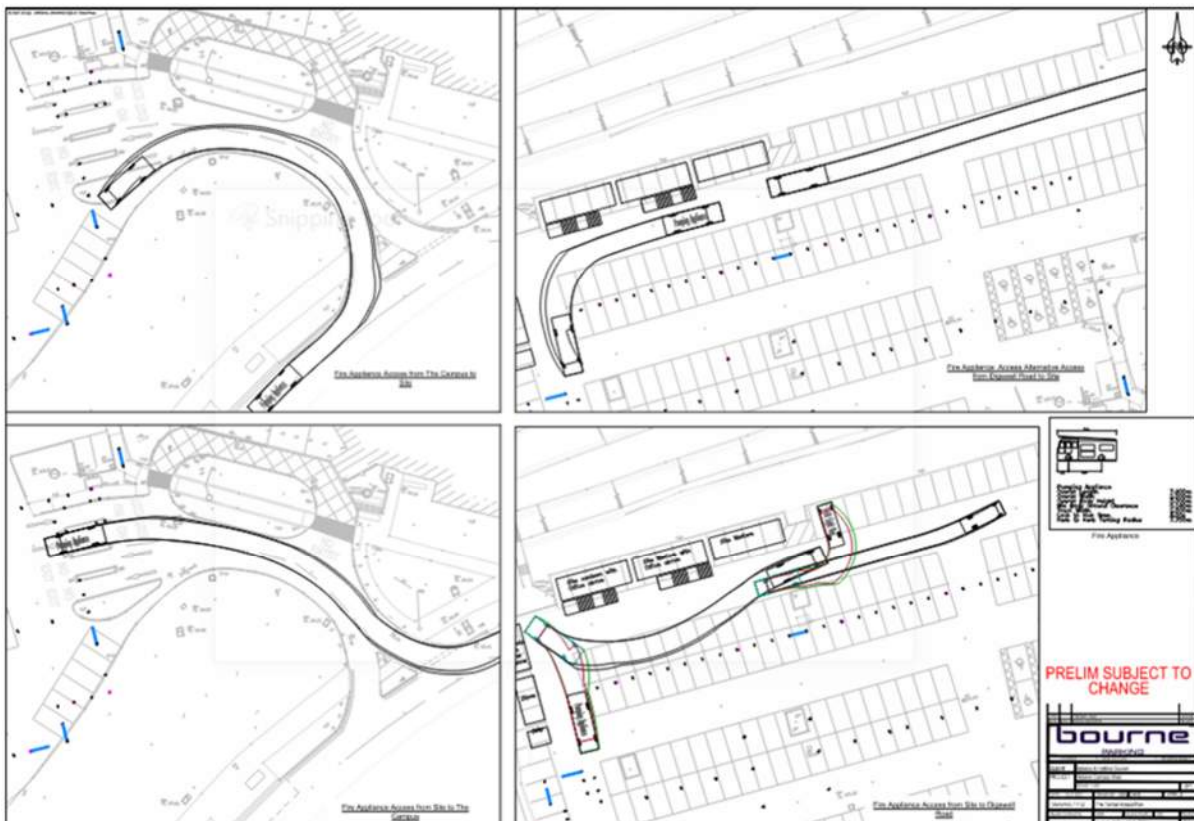
### 4.3 Access / Egress arrangements for the site.

We have undertaken vehicle tracking for the following.

6409-BPL-092-TRK-P01- LGV Van Access Plan.



6409-BPL-093-TRK-P01 - Fire Tender Access Plan.





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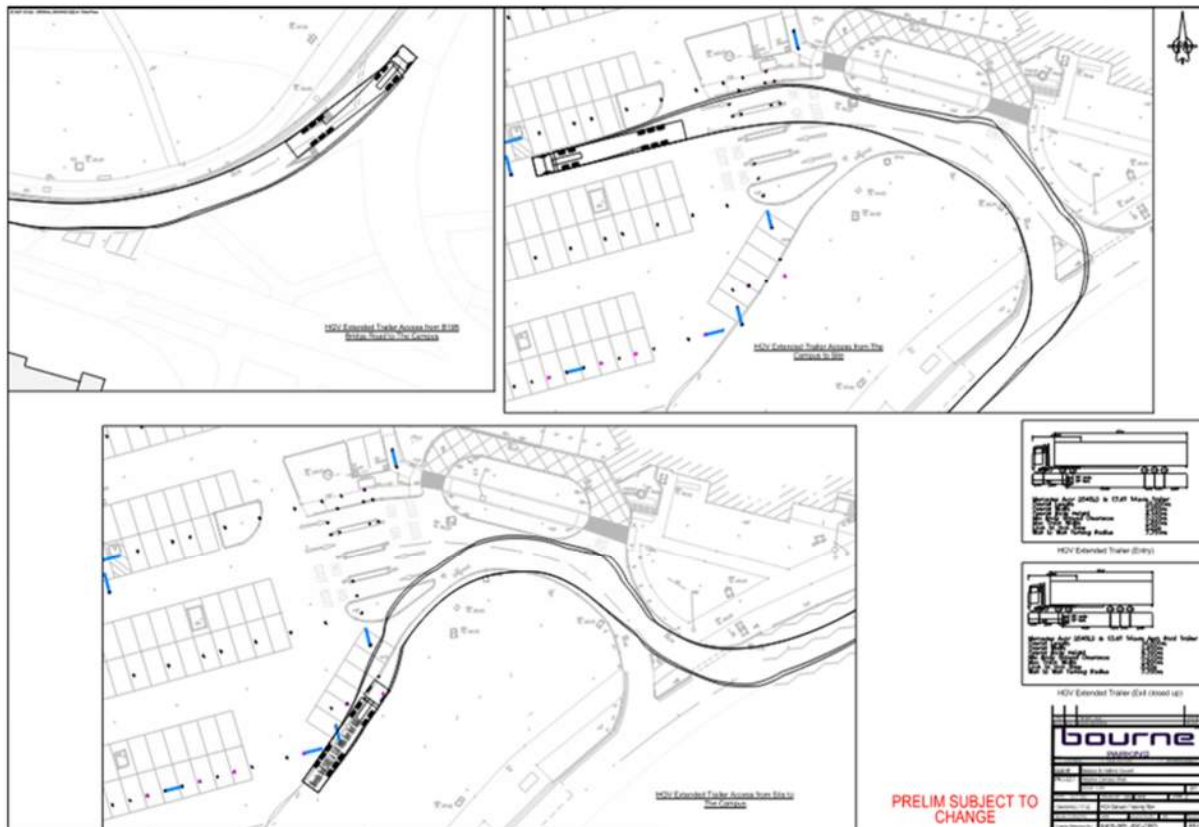
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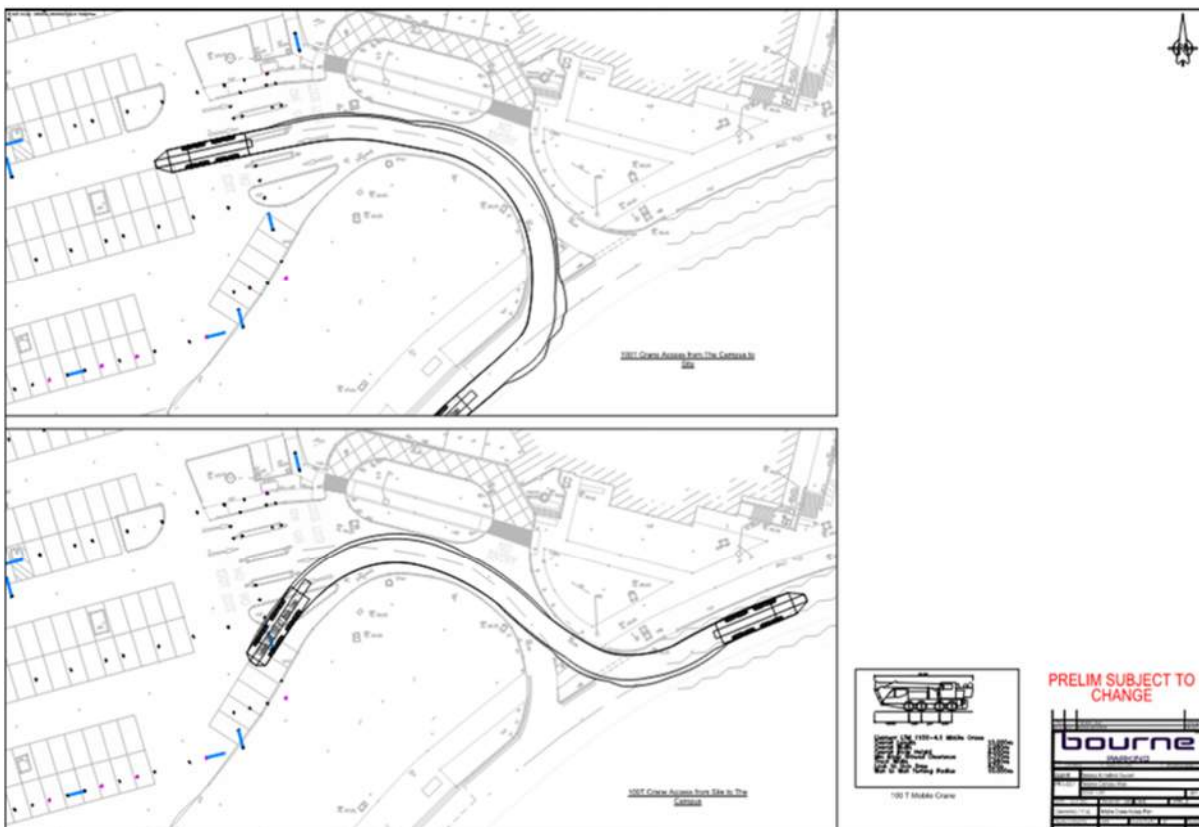
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## 6409-BPL-090-TRK-P01 - HGV Delivery Tracking Plan.



The tracking for the extended HGV (20.5 m) illustrates the Vehicle will clash with the existing traffic island. As the traffic island falls outside the site demise BGL of requested that the island is modified in a temporary state and this works are carried out as part of the S278 works.

## 6409-BPL-091-TRK-P01 - Mobile Crane Access Plan.



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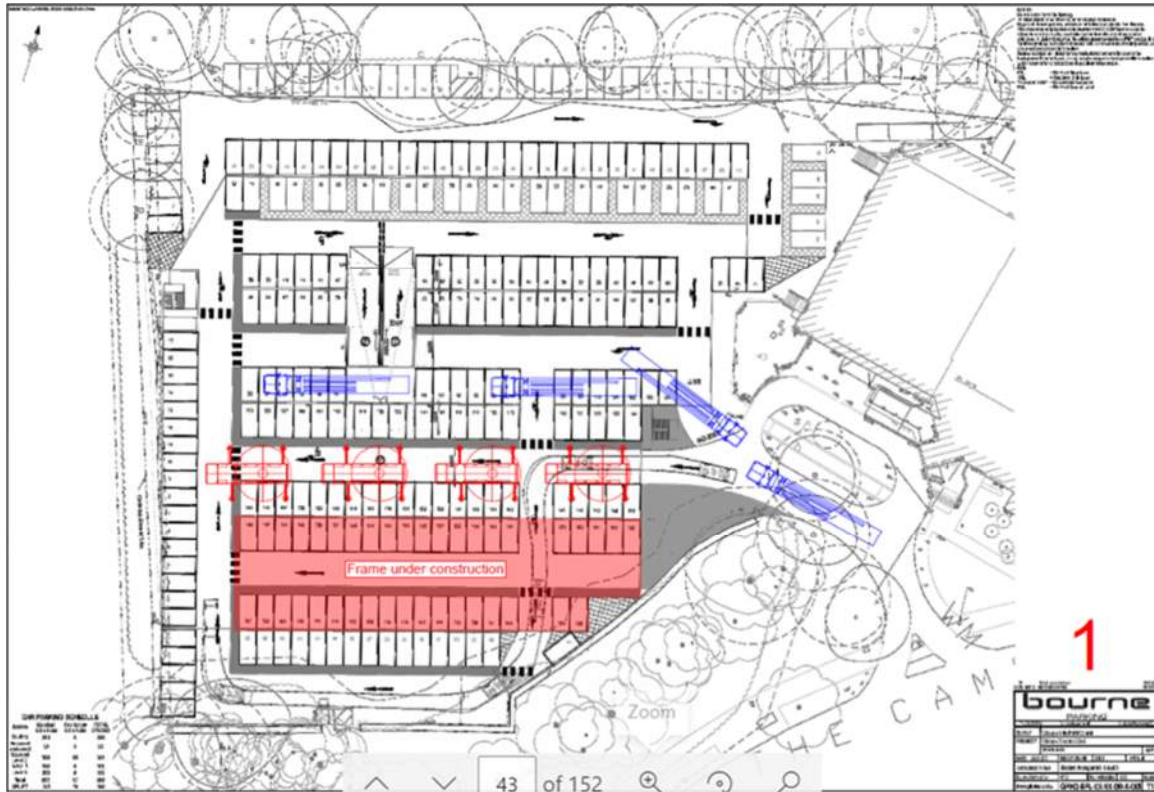
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The following slides illustrate vehicle movements on the site during frame build sequence.





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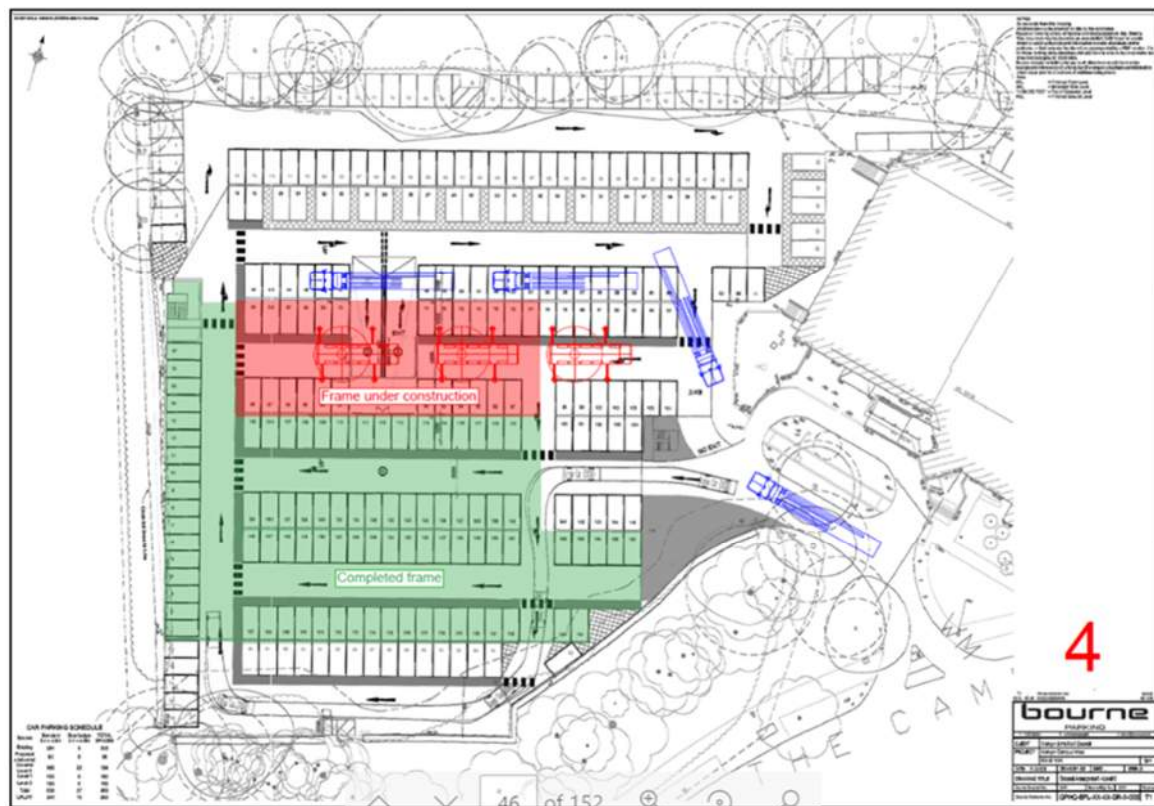
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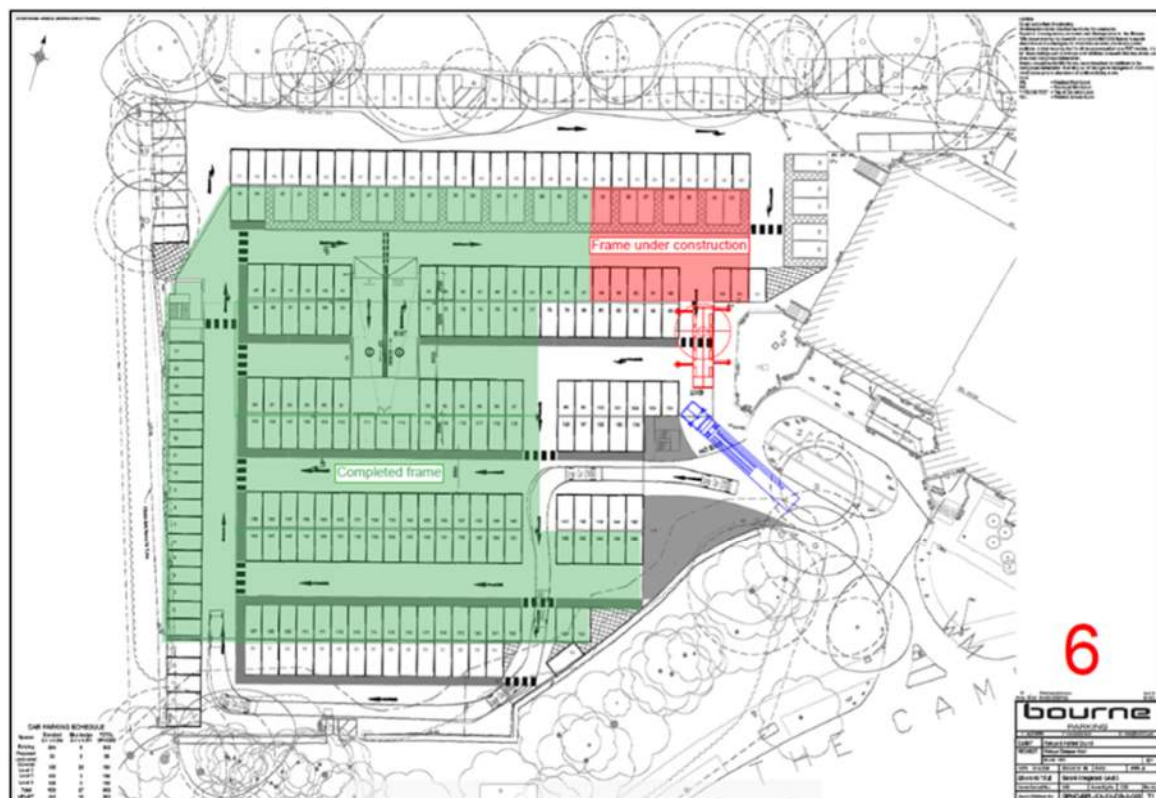
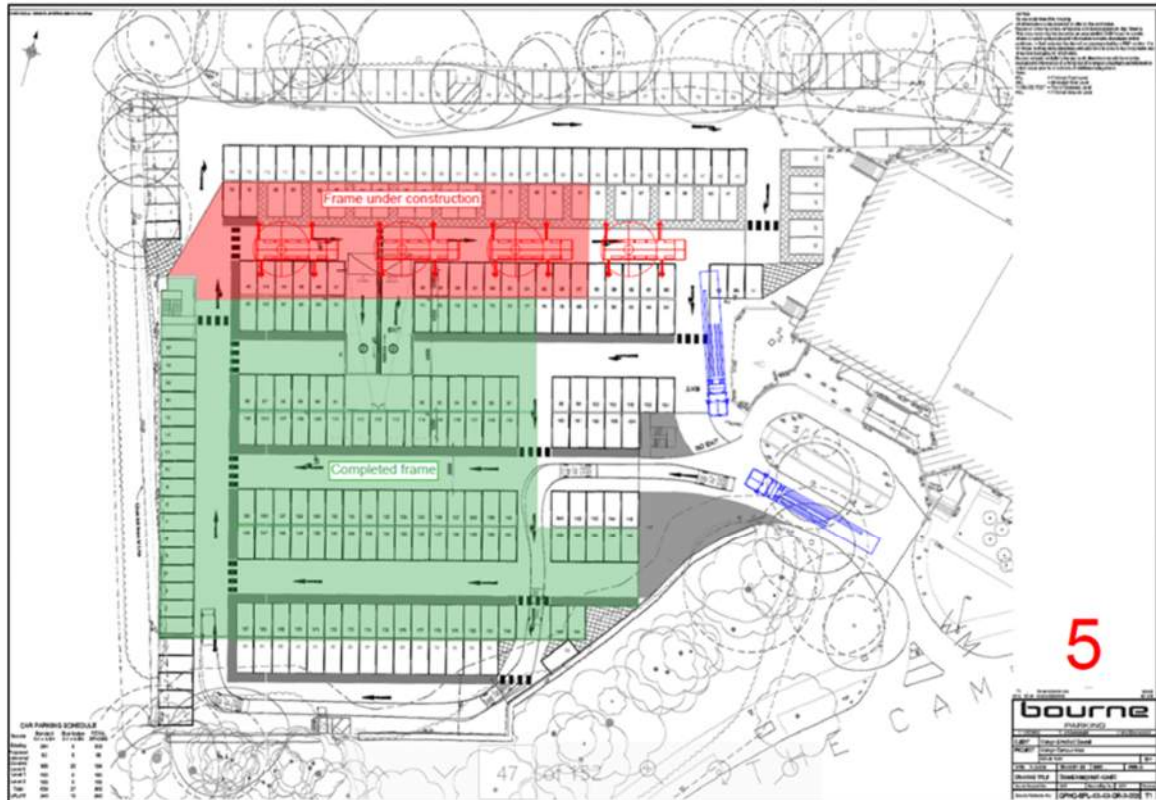
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During the first phases of project (1 – 6) all construction traffic will enter & exit the site in a forward gear.



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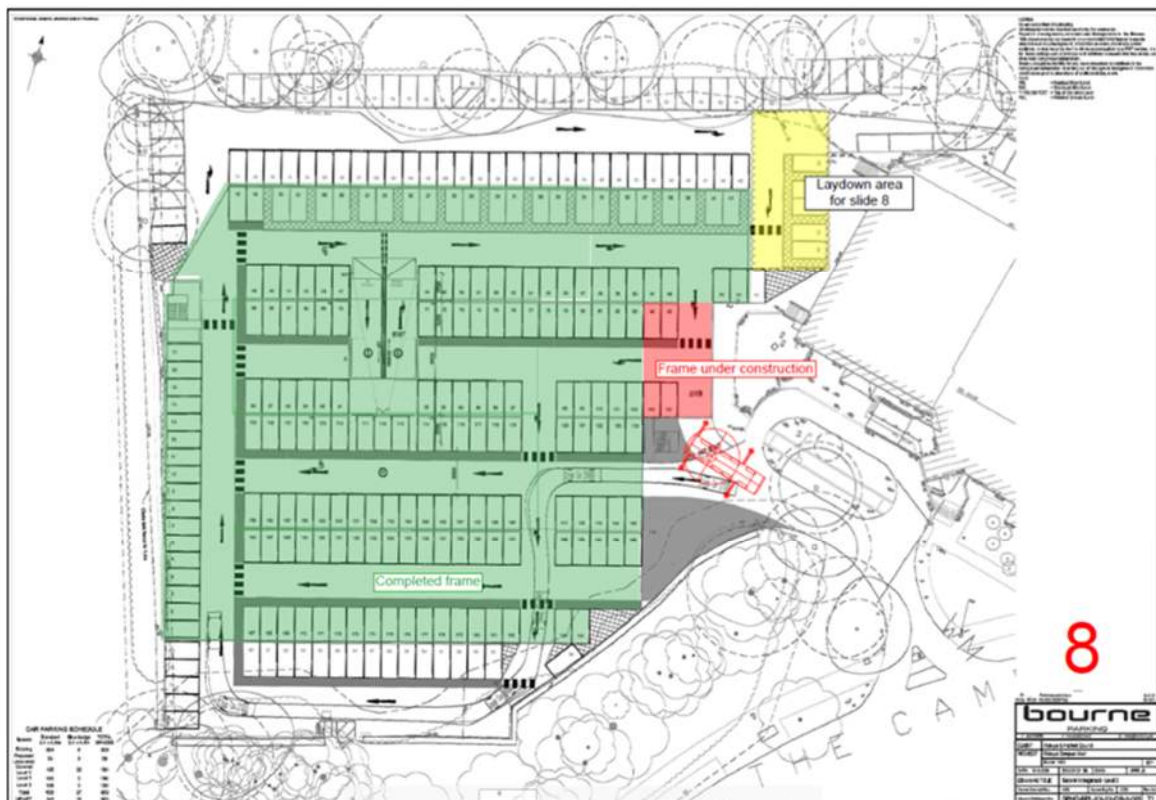
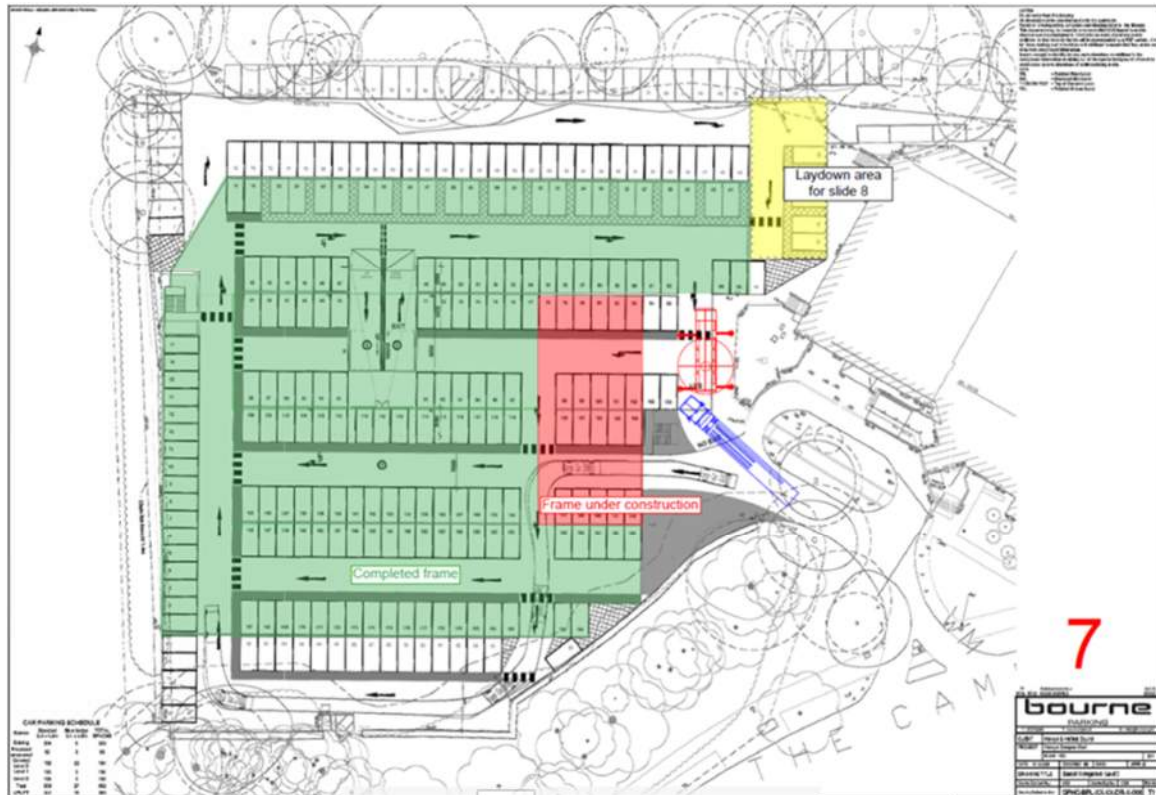
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Phase 7 & 8. At this stage of the Project the available footprint will not allow delivery vehicles to perform turning on site & the steel and precast deliveries will have to be reversed onto the site controlled by suitable qualified vehicle marshals all at times.

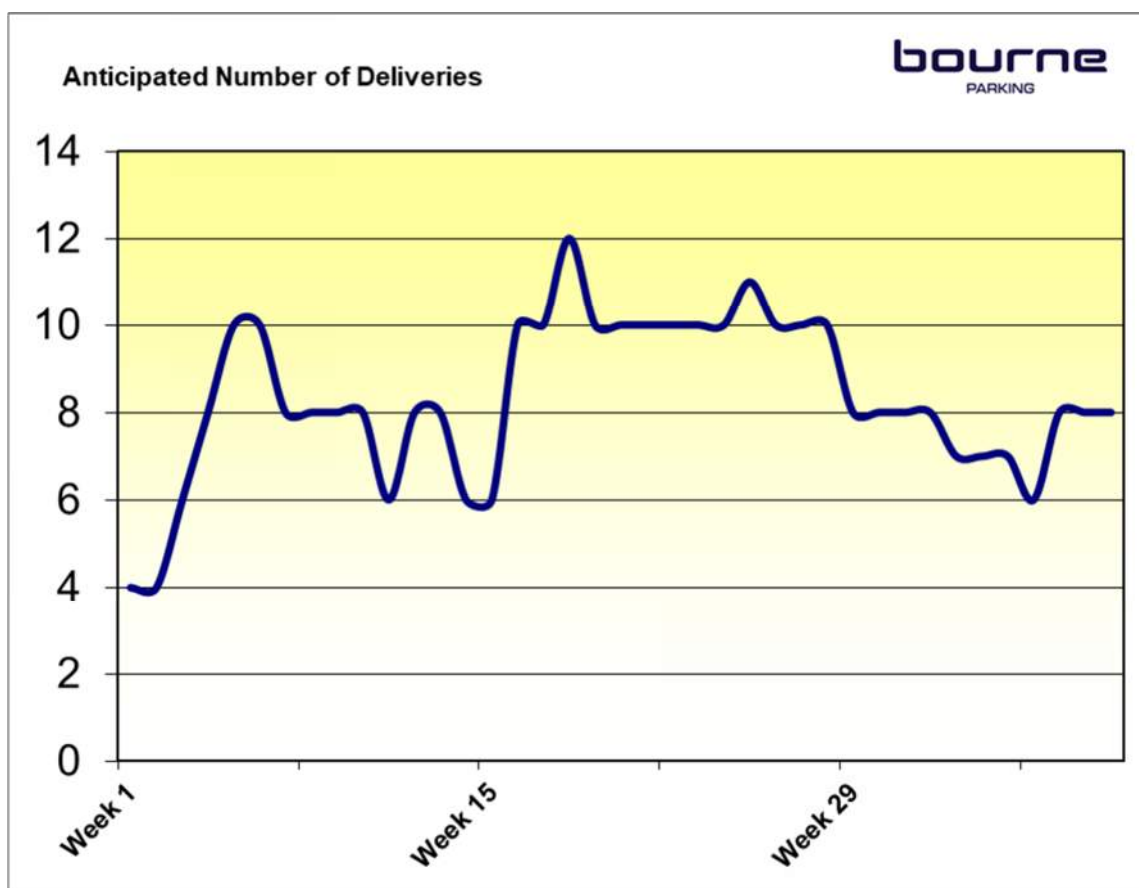
Traffic marshals will ensure the safe passage of all traffic on the public highway, in particular pedestrians and cyclists, when vehicles are entering and leaving site, particularly if reversing.

Traffic marshals, or site staff acting as traffic marshals, should hold the relevant qualifications required for directing large vehicles when reversing. Marshals should be equipped with 'STOP – WORKS' signs (not STOP/GO signs) if control of traffic on the public highway is required. Marshals should have radio contact with one another where necessary.

#### 4.4 Construction vehicle numbers, type, routing.

The off-site construction methodology typically requires fewer deliveries than traditional construction techniques and a faster build.

The number of vehicles to site each day shall vary depending on the works being undertaken, however a maximum of 12 vehicles per day would be typical. This is shown on the histogram below.



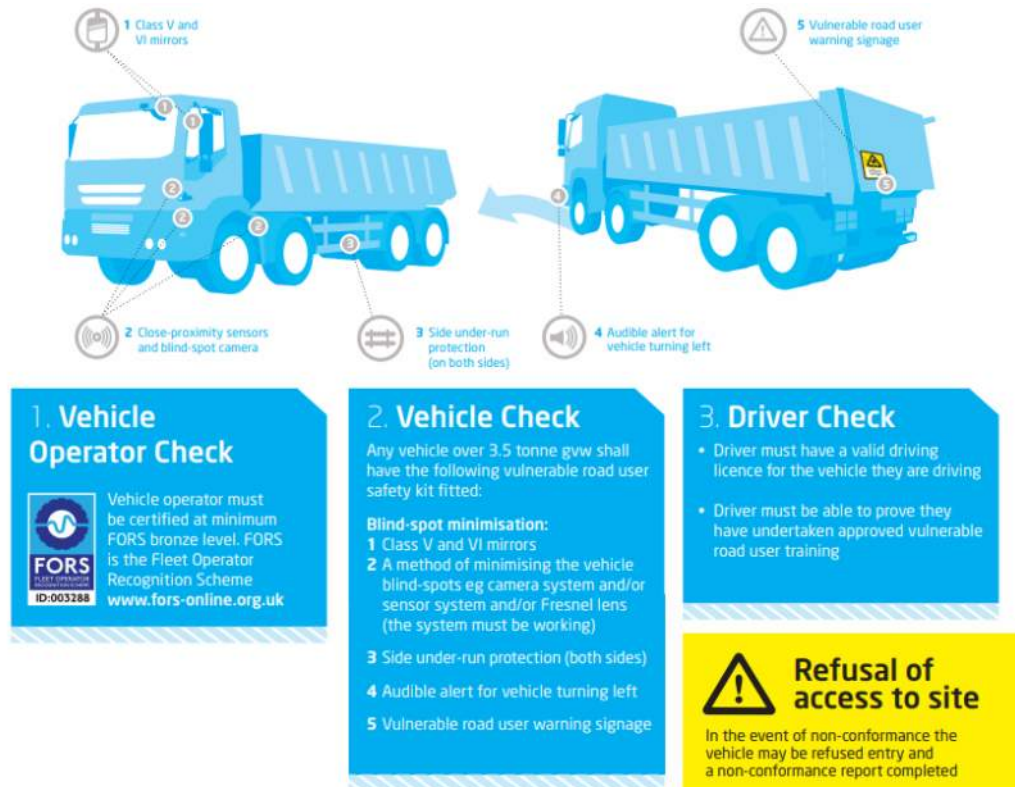
#### 4.5 Construction Logistics and Community Safety (CLOCS)

All contracts will stipulate clocs compliance & will vetting using 2019 site validation checklist v1 5

CLOCS Vehicle checking in operation.

All HGVs\* arriving on this site must conform to the CLOCS Standard for construction logistics. To comply three checks must be completed before entry.

\*over 3.5 tonnes gvw.



- Vehicle operator meets the requirements described as FORS Silver.
- Vehicle, check for mirrors. Working camera and close proximity sensor system with in-cab audible alarm, Vulnerable Road user warning signage etc.
- Driver Licence status, Driver Training.
- Check driver has taken the prescribed route.

An Anti-idling toolbox talk will be held all delivery drivers and all on site plant operators. The toolbox talk will cover the items.

- Excessive idling is a waste of fuel and money, resulting in unnecessary negative environmental impact
- Stopping unnecessary vehicle idling is one relatively easy way to help improve air quality and the respiratory and cardiovascular health of people in our communities
- London's air pollution contributes to thousands of premature deaths each year
- For every 1 litre of fuel used by a diesel engine, 2.64 kg of CO<sub>2</sub> is released into the atmosphere. How can that be? During combustion, the carbon in the fuel reacts with oxygen in the air to produce carbondioxide CO<sub>2</sub>
- Fuel can represent 35% of your running costs, maybe even more
- Depending on the nature of the operation and vehicle types, fleet operators can expect average fuel savings in the region of 1% to 5% when implementing truck anti-idling measures.

The Project has registered with the Considerate Constructors Scheme (CCS), which includes CLOCS monitoring. Once known will revise this plan with CCS registration number that is specific to the project.

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### 4.6 Minimising & controlling vehicle movements.

Good planning can help to minimise vehicle congestion to the site.

To limit the number of delivery vehicles on site at any one time all deliveries a weekly schedule will be developed.

Typical Example of Delivery Schedule.

DAY	DATE	TIME	Load	LOAD NO.	DESCRIPTION
Mon	21.12.20	09.00 am	Cardiff steel	Load 40	Montex slabs
Mon	21.12.20	11.00 am	Cardiff steel	Load 41	Montex slabs
Mon	21.12.20				
Mon	21.12.20				
Mon	21.12.20				
Tues	22.12.20	09.00 am	Cardiff steel	Load 42	Montex slabs
Tues	22.12.20	11.00 am	Cardiff steel	Load 43	Montex slabs Last delivery of montex slabs
Tues	22.12.20				

To Avoid potential stacking of deliveries a holding area such as Baldock Services - Extra - A1M J10, A1(M), 10, Radwell, Baldock SG7 5TR, will be utilised and lorries will be called off as & when required.

Route from A1M to site.





### 5.0 Provision of wheel washing facilities.

The foundations are to be excavated by cutting the existing tarmac road surface only where necessary. This provides a clean & stable surface for loading & unload construction deliveries resulting in relatively mud free from mud likely to be transferred onto the road. This is illustrated the image below.



Where vehicles are to drive off the site with muddy tyres they shall be washed with a jet wash. The jet wash facility will be located away from public interface and within the site hoarding. There is insufficient space on site for a wheel-wash pool, nor is it anticipated to be necessary.

To restrict the run off from the wheel washing arisings we propose installing temporary silt filters into the affected rainwater gullies.

The site team will install silt traps / filters directly below the gully lid using barley straw, due to its greater density than other straw products. The straw was wrapped in debris netting to prevent it breaking apart, the filters were placed below gully lids and held in place with a cable tie. With closed lids the straw filters completely covered the apertures and filtered both the run off and the road water. These will be monitored and the filters are changed on a regular basis.



Should mud be transferred onto The Campus and other sections of the public highway, a road-sweeper shall be employed to maintain the cleanliness of the highway.

## **6.0 Site security**

The main works shall be undertaken with an enclosed construction boundary. The boundary shall be formed with secure heras style fencing, gates and timber hoarding. All gates will be securely locked when the site is closed.

Materials shall be stored away from boundary fences. All light plant and materials shall be secured in the compound or a lock-up container outside working hours. Where this is not practicable and there is a requirement to store plant and materials on the site then they shall be secured in an appropriate manner e.g., palletised, chained to immovable objects or banded with steel straps to prevent unauthorised movement.

Daily checks of the sufficiency of the securing arrangements shall be made by site management.

At the end of shifts the Site Supervisors will ensure the worksite is securely left.

## **7.0 Project Team**

### **7.1 Management structure and key responsibilities**

#### **Project Structure**

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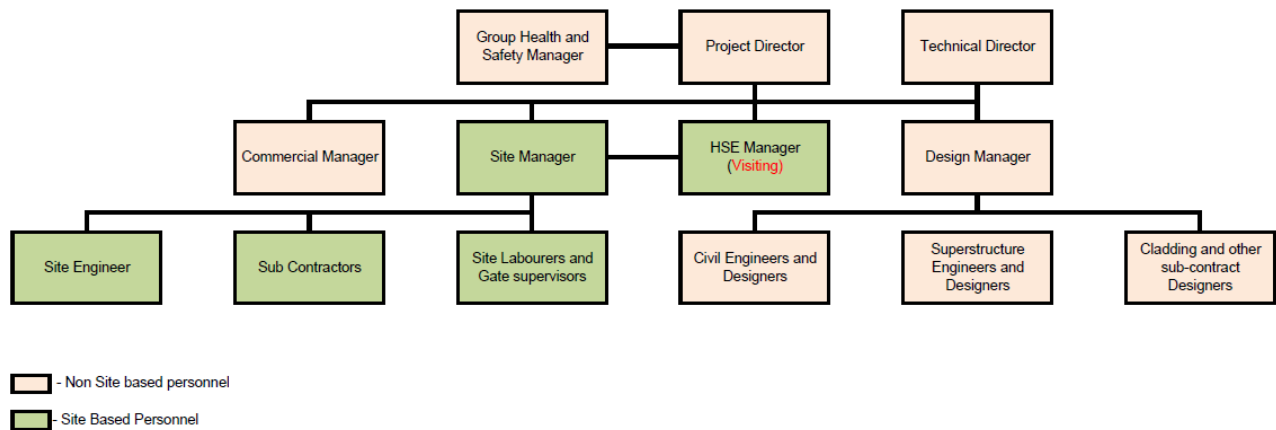
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### Specific Responsibilities

Individual job titles	Key SHEQ responsibilities
BPL Site Manager	Organise and implement the provisions and maintenance of a working environment and systems that are, so far as is reasonably practicable, safe and without risk to health. Ensure that adequate supervision is maintained and that clearly defined areas of responsibility are established with sub-contractors. Ensure the site works are progressing safely, in accordance with the design and to programme.
Safety Manager (Visiting)	Carry out Health & Safety audits at a minimum of 2 weekly intervals. Produce audit report and follow up closure of items requiring action. Review site paperwork for compliance with BPL Procedures and Policies. Undertake thorough investigation and report following any reported incident or accident.
Temporary Works Co-Ordinator	To ensure all temporary works have been designed and planned. Liaise with all TWS's to ensure temporary works are carried out in accordance with the temporary works designs. Ensure that the Temporary works register is maintained by the On site TWS. Issue necessary permits to load and strike.
Temporary Works Supervisor	The BPL Structural Engineer prepares detailed 'CDM' documentation dictating the sequence and measures to be followed in the erection of the structure to maintain structural stability. There are a number of temporary props and braces (identified in yellow paint) that must be installed as works progress. these can ONLY be removed under instruction from the design Engineer and the issue of a permit to strike by the TWC.

	The TWS on site will ensure that the temporary works are installed in accordance with the temporary works design and not removed before a permit to strike has been issued by the TWC.
Fire Safety	Ensure that the requirements of the Fire Code are followed. Carry out regular inspections to ensure adequacy of arrangements. Carry out fire drills at least at 6 monthly intervals. Ensure that signage, fire alarms, fire points and the fire plan are updated as site conditions change.
First Aider	Ensure that adequate First Aid arrangements are in place at all times. Ensure suitable equipment is available. Ensure correct signage for First Aid is in place.
Lifting Co-ordinator	Responsible for the organisation, planning and control of lifting operations within the BPL site.

The general responsibilities of the BPL management team are further detailed as follows:

#### **Project Leader**

- Promote a positive health & safety culture by creating an interest and enthusiasm for health and safety in all activities and set a good example (including wearing the appropriate protective clothing and equipment).
- Be aware of the appropriate statutory health and safety requirements affecting the operations of the Company.
- Ensure appropriate health and safety training is given to all employees as necessary.
- Ensure health and safety factors are considered at all stages in the work process and appropriate resource is made available to maintain safe working methods and equipment.
- Ensure compliance with the company policies and procedures and reprimand any managers and employees for failure to satisfactorily discharge their responsibilities for health and safety.
- Allocate sufficient resources (including financial) to enable the Health and Safety policies and procedures to function effectively.
- Ensure that inspections and audits are carried out as required

#### **Site Manager**

- Promote a positive health & safety culture by creating an interest and enthusiasm for health and safety in all activities and set a good example (including wearing the appropriate protective clothing and equipment).
- Ensure everyone on site is aware of their responsibilities with regard to health and safety.
- Ensure compliance with the company policies and procedures and reprimand any employees for failure to satisfactorily discharge their responsibilities for health and safety.
- Co-operate with the Project Director and any health and safety managers and advisors.
- Ensure that inspections and audits are carried out as required.

#### **Site Engineer**

- Carry out all setting out and site surveying activities.



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- Carry out as built surveys and record data.
- Regularly review onsite activities to ensure that work is being undertaken in accordance with RAMS and approved drawings.
- Carry out Quality checks and maintain quality records.
- Carry out surveys of buried services as required.
- Raise NCR's issue and enclose close out.
- Take and maintain record photographs for eventual incorporation into the Health & Safety file.

### Sub- Contractors

- The Sub-contractor shall provide adequate and timely information including works package plans and risk assessments, shall provide personnel with appropriate training, PPE and instructions, and supervise their work with adequate controls to ensure it is carried out safely, within the required time, and to the specifications provided. The Sub-contractor must advise BPL Site Manager when introducing new employees onto site to ensure that Site Inductions are carried out.
- The Sub-contractor shall carry out his works strictly in accordance with agreed Works Risk assessments and Method Statements, shall keep working areas in a clean state, keep designated fire escape routes clear, remove and properly dispose of all surplus materials, packaging, and other rubbish from their operations on a daily basis.
- The Sub-contractor shall request and control drawings and specifications from BPL, shall seek clarifications and completion of detail where required, and shall keep "as built" records. Only drawings and specifications authorised and issued "for construction" must be actioned.

### Responsibilities of the individual

- *It is the responsibility of each person to ensure they possess a current and appropriate CSCS card*
- Understands what they are required to do
- They work to prescribed works package plans and procedures
- Has appropriate PPE, tools, equipment, plant and materials for the task
- Is fully trained for their use, and he uses them properly in accordance with the training.

### **Project health, safety and environmental goals**

- Achieve zero reportable injuries, diseases or dangerous occurrences
- No prosecutions or enforcement notices from HSE or other enforcement bodies
- 100% of all operatives, supervisors and managers to hold a valid and appropriate CSCS card
- No cases of occupational dermatitis
- No cases of hand arm vibration (HAVS) or "whole body vibration"
- No cases of occupational noise induced hearing loss
- No fall from height of personnel, materials, plant or equipment
- No cases of persons inhaling solvent fumes
- No cases of occupational injury from manual handling
- No personnel injured by the movement of plant or vehicles
- No slips trips or falls
- No fires
- No unauthorised access to construction areas

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- No environmental incidents
- No cases of public nuisance
- Comply with all Health & Safety Legislation and Approved Codes of Practice
- Maintain safe and unimpeded access and egress from site, particularly for emergencies, and minimise the disruption to neighbours, (both vehicular and pedestrian);
- Police and co-ordinate the use of safe procedures, tools, plant, equipment and the appropriate use of Personal Protective Equipment (PPE)
- Safety Manager/Advisor to carry out safety audits and inspections at a minimum fortnightly frequency
- Internal H&S audits which to achieve KPI 94% compliance
- Maintain adequate levels of welfare facilities for the work force
- Health & Safety file and Operations and Maintenance manual to be developed and delivered as soon as reasonably practical after completion for acceptance by the client's team

The Project Team and workforce are to create a safe working environment with minimal disruption.

### 7.2 On-site training requirements

Those undertaking a variety of roles on site are required to hold specific competences and qualifications.

Role	Required Qualifications
Site Manager	CSCS Card at Manager Level, SMSTS (or IOSH Managing Safely), First Aid at Work
Trade Supervisors	CSCS Card at Supervisor Level, SSSTS (or SMSTS, or IOSH Managing Safely)
Plant Operators	CPCS card appropriate to the equipment being used
Trades and Labour	CSCS Card appropriate to the trade they are undertaking.
Slinger/Banksman	Slinger/Banksman (in addition to the above)
Traffic Marshalls	Traffic Marshall or banksman training (in addition to above)
Lift operations	Appointed Person training and certification with demonstrable relevant experience.
Lift Supervisor	Lift Supervisor training and certification with demonstrable relevant experience.
Temporary Works Coordinator	Temporary Works Coordinator training and certification.
Temporary Works Supervisor	Temporary Works Supervisor training and certification.

Any deviance from the above will only be permitted by written agreement from a Bourne Director.

The certification as described above shall be checked upon recruitment or at Site Induction.

#### **7.4 Welfare facilities and first aid**

BPL shall provide suitable and adequate facilities to satisfy the statutory obligations and good practice expectations.

Facilities will be well lit and heated, with hot and cold running water within the toilets and canteen areas.

Facilities shall be kept clean and tidied daily.

BPL will ensure that an appropriate number of qualified First Aiders are provided on the contract to administer basic first aid. The level of First Aid provision will be determined by Risk Assessment, but a minimum of 1 trained first aider shall be on site at all times.

Where treatment beyond basic first aid is required, the injured person will be advised to attend / taken to the Accident & Emergency Department at the local hospital, details of which will be displayed on the site notice board and included in the site induction.

A suitable and appropriately sized first aid kit shall be maintained by the Site Manager and kept accessible in the Site Office.

#### **7.5 Reporting of accidents, incidents and near misses**

Bourne operate a proscribed procedure for the reporting of all accidents, incidents and near misses. In the event of any incident the applicable forms are completed and issued electronically to the Bourne Indecent report. This includes the H&S Personnel and Company Directors.

All accidents will be investigated to establish cause, trends and any measures to avoid repeat incidents.

In the event of a more serious accident or incident the Site shall immediately notify the BPL Operations Director, Managing Director or Group Head of Health and Safety. They shall implement any investigation and if applicable any reporting to HSE.

All accidents or incidents shall be reported to the client team as soon as practicable to do so.

#### **7.6 Emergency procedures**

*The table below summarises the numbers that may need to be accessed in the event of any emergency on site. (i.e. fire, accident, environmental incidents).*

Names / organisations	Responsibility	Contact number
Emergency services	Fire and accident assistance	999
Environment Agency	Pollution incidents	0800 807060
Transco	Gas release incident	0800 111 999
Electricity Supplier	Cable strikes / OH line incidents	0800 31 63 105
Water company	Water supply incidents	0800 980 8800

*The Most Senior Bourne Manager on site (typically this shall be the Site Manager) shall be responsible for implementing the emergency actions as described here, or in associated documents (see below).*

### 7.7 Site performance monitoring arrangements

Site SHE audits are undertaken fortnightly by Bourne SHE Advisor/H&S Manager. A target KPI of 94% is established by Bourne Group. The KPI scores are identified in Internal Progress Review Meetings and included in Monthly Board reports.

Repeated failure to meet the KPI will result in special attendance measures by Bourne Directors. Both immediate and long-term resolution plans implemented with the project delivery team.

### 7.8 Environmental control measures

Several environmental aspects have been considered as summarised below:

<b>- Waste removal</b>	<p>Site limitation prevent segregated skips on site. All skips are therefore to be mixed and segregated for reuse/recycling off site.</p> <p>Also see the Site Waste Management Plan (SWMP) for further details on the management of waste for this scheme.</p>
<b>- Reducing noise and vibration</b>	<p>Low noise and vibration equipment shall be used wherever possible. HAV and noise assessments shall be included in task specific risk assessment. Where monitoring is identified as required this shall be undertaken by shift and recorded.</p> <p>1. All plant and machinery in use shall be properly silenced and maintained in accordance with the manufacturers' instructions.</p> <p>All compressors shall be sound reduced models, fitted with properly lined and sealed acoustic covers, which shall be kept closed whenever the machines are in use. All</p> <p>ancillary pneumatic percussive tools shall be fitted with mufflers or silencers of the type recommended by the manufactures.</p> <p>All machines in intermittent use shall be shut down during intervening periods between works, or throttled down to a minimum. Noise emitting equipment, which is required to operate continuously, shall be housed in suitable acoustic enclosures.</p>



	<p>Items of plant and equipment shall be maintained in good condition so that extraneous noise from mechanical vibration, squeaking or creaking is reduced to a minimum.</p> <p>Any pile driving shall be carried out by a recognised noise reducing system.</p> <p>Where practical, rotary drills and bursters, actuated by hydraulic or electric power shall be used for excavating hard material.</p> <p>In general, equipment for breaking concrete and the like, shall be hydraulically actuated.</p> <p>'BS 5228 Noise Control on Construction Sites' should be referred to for guidance in respect of all work carried out by the developer, their main contractor and any sub contractors.</p> <p>Any emergency deviation from these conditions shall be notified to the Council without delay.</p> <p>Water sprays shall be used, as and when necessary, to reduce dust from particularly "dusty" activities or stock piles.</p>
<b>- Work with ionising radiation</b>	No applicable works are anticipated
<b>- Exposure to UV radiation (sunburn)</b>	Natural UV is anticipated. Short sleeve shirts and long trousers to be worn as a minimum. Risk of sun exposure to be presented as a toolbox talk to all operatives. Use of sun protection cream is to be promoted.
<b>- Storage of materials (hazardous)</b>	<p>Any COSHH equipment to be stored in segregated and designated area or store.</p> <p>Fuel oil to be stored in designated tanks with proprietary bund with a capacity of at least 110% of the fuel container.</p>
<b>- Removal of asbestos</b>	No applicable works are anticipated
<b>- Contaminated land</b>	No applicable works are anticipated; however arisings shall be tested for ensure correct classification and disposal. Removal of arisings will be undertaken by

## Construction Management Plan

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**bourne**  
GROUP

<p><b>- Mud on Road</b></p>	<p>licensed contractor, WTN will be maintained for record purposes</p> <p>The foundations are to be excavated by cutting the existing tarmac road surface only where necessary. As such the general site should remain relatively free from mud likely to be transferred onto the road.</p> <p>Where vehicles are to drive off the site with muddy tyres they shall be washed with a jet wash. The jet wash facility will be located away from public interface and within the site hoarding. There is insufficient space on site for a wheel-wash pool, nor is it anticipated to be necessary.</p> <p>Should mud be transferred onto The Campus and other sections of the public highway, a road-sweeper shall be employed to maintain the cleanliness of the highway.</p>
<p><b>-Dust</b></p>	<p>The retainment of the existing car park surface as a working platform shall result in vastly less accumulation of mud. Therefore, the likelihood of problematic dust is significantly reduced. The construction methods also involve few traditional 'wet' trades and so again likelihood for dust is low. Should dust become apparent then 'dampening down' or enclosure shall be employed to prevent migration from the site.</p> <p>All efforts shall be made to reduce dust generation to a minimum.</p> <p>Stock piles of materials for use on the site or disposal that are likely to generate dust, shall be sited so as to minimise any nuisance to residents or neighbouring businesses. Materials for disposal shall be moved off site as quickly as possible.</p>

### 8.0 Complaints procedures

BPL operate an internal procedure for complaints or problems for our staff and subcontractors working on each project. This provides them with a direct route to senior management reporting to the Project Leader.

Any comments or complaints raised by others shall be facilitated by a notice displayed on the perimeter hoarding. This shall be produced in conjunction with WHBC to ensure compliance. A telephone number or email address shall be provided for anybody to contact the project team.