Construction Environmental Management Plan

Donaldson's Veterinary Hospital
Somerset Road, Almondbury

For

Donaldson's Vets LTD

Prepared by

GATE & BAR

Rev B
19th January 2023

Contents

1 Introduction
1a Results of Consultation
2 Access to site
3 Access restrictions
4 Wheel washing facilities
5 Parking
6 Storage
7 Deliveries Loading & Unloading
8 HGV routes to site
9 Protection the Public
10 Protection of contractors against highway
11 Working hours
12 Hording and site security
13 Dust
14 Noise
15 Burning on site
16 Removal of materials from site
17 Trees
18 External Lighting
19 Piped Ditches
20 Method statement & Programme
21 Signage
22 Contact Details

Appendix A - Site Set Up Plan
Appendix B - Site Logistics Plan

1 Introduction

This document is provided as an instruction for the main contractor to follow when undertaking the construction works as outlined below. The below is to act as a minimum requirement with further development from the contractor once appointed.

The site works comprise the construction of a first-floor extension over a formed clear storey/ void area. The extension provides additional space to support the existing use and function of the Veterinary Hospital.

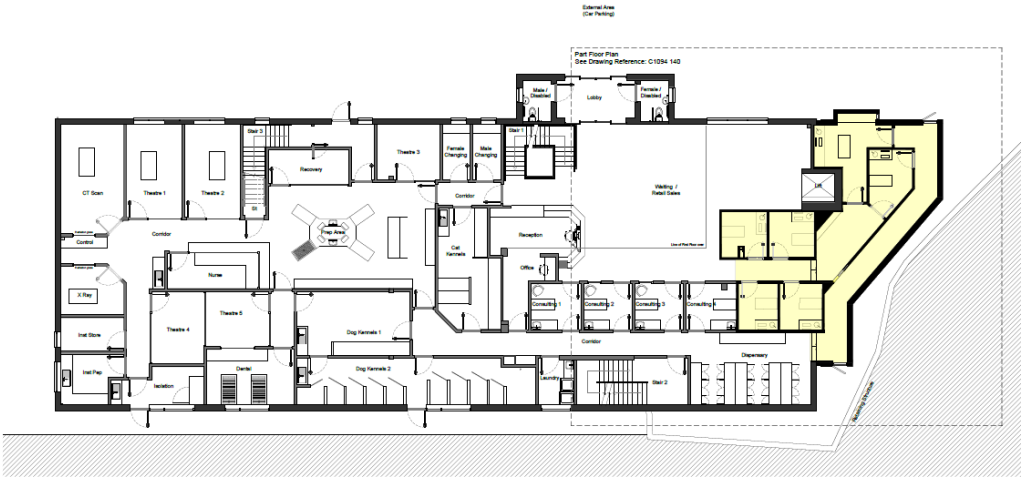
The client is Donaldson's Vets, and the proposal is required to meet the expansion of the business and meet the expansion required at this site.

The works are to be delivered from Q1 of 2024. The existing building is of a modern construction with steel internal framing, ribbon and picture windows and pitched roof.

The site itself is contained within its own site including carparking areas to the North.

The land surrounding the site is open recreational ground including somerset road playground. To the South and extending to the North West is Somerset Road, further south and North West is domestic housing.

Extract from drawing C1094 110 shows the extent of the proposed development to the North / North East.



The proposed development includes the formation of additional 1st floor area by providing a void external space on the ground floor, the 2 storey construction is positioned around the existing lift enclosure.

1a Results of Consultation

Following first issue of the CEMP the client together with the design team consulted with local neighbours and stakeholders to develop a robust plan and respond to any feedback. We have summarised the consultation and changes made in the below table.

Consultation Response	Section	Changes Made
[can you document the number of existing spaces (customer / staff) totals and the expected reduced number explicitly]	5	Clarification of client measures to reduce parking and confirmation of number of parking bays
[Can we outline the volume and types of vehicles] [Does this include delivery and	7, 8 & App.	Typical construction traffic, no abnormal loads anticipated. The use of cranage will

specialist construction vehicles such as cranes?] [would this additionally reduce car park spaces or circulation space?]		be localised and contained within the compound the likely duration of cranage is 2-3 days No additional impact.
[Please include a statement of instruction explicitly stating areas of highway or public domain that the principle contractor or sub contractor should not use including proximity to junctions]	5	Contractor parking provision within the site compound, no on street parking is planned at this time.
[can reference to schedule of works be included here either explicitly or where this information may be found. When are the most disruptive works likely to take place]	20	42 week duration is anticipated, once this information is available, the client will release through further consultation.
[Is there any consideration of restricting deliveries to outside of peak hours such as 'morning/evening peaks' and/or your busy customer times?]	3	Additional detail on client activity hours, and restrictions applied to contractor deliveries
[I am not convinced the very simple Appendix A site set up plan sufficiently demonstrates and accounts for construction management vehicle parking, materials drop off, welfare accommodation, materials storage and laydown areas.]	App.	Sufficient detail at this stage to demonstrate the suitability of site compound area. Principal Contractor to develop in line with Construction Phase H&S Plan
[Where will the displaced waste bins / servicing be moved to in the overall site set up plans?]	App.	Site set up plan altered to show proposed relocation of bins.

2 Access to site

Access to site is via the existing vehicular access Somerset Road, a large formed bell mouth opening is provided into the existing carpark. Once within the site access to the construction site is via the existing carpark. The construction compound will be contained to the North of the site as shown on the appended drawings.

The egress from site will be via the same route through the carpark and a turning head provided within the contractors compound.

See Site Logistics Plan for details.

Emergency access to site will follow the existing procedures for the existing veterinarian practice. For emergency access to site the site will be entered as set out in Appendix B where close access to the works site can be afforded.

3 Access Restrictions

Restriction on the use of access for construction purposes.

There are no known highways restrictions in place on Somerset Road. Directly outside the site is a mini roundabout and 3 way signalled pedestrian crossings.

On entry to the site the contractor will take responsibility for any incoming deliveries or traffic and a banksman provided for navigation through the carpark. The Carpark serving the site will remain in use by staff and customers of Donaldson's vets.

Contractors Site Restrictions; Site gates will always be closed and locked during non-working hours. Fencing will be checked regularly for maintenance and security. Displays/notices will be securely fitted as needed.

The clients operations run from 7.30am daily with emergencies 24 hours per day, given the nature of clients activities it would be difficult to avoid busy periods.
Delivery times are to be restricted as follows:
Weekdays - deliveries permitted between 07:30 – 17:00.
Weekends – deliveries not permitted.

The use of any scaffolding will be within the site and away from any footpath or highway.

4 Wheel Washing Facilities
Wheel and chassis underside washing facilities on site to ensure that mud and debris is not spread onto the adjacent public highway;

As the site is already developed with existing hard standings in place, there will be no need for construction traffic to travel over soft or broken surfaces. Wagons can be loaded whilst on tarmac access roads so will not encounter any mud. Hardstanding at entrance ways and loading locations will be kept clear and washed down frequently, all hardstanding is remaining in the final scheme. Excavated arisings will be transported from site of excavation directly into awaiting transport.

Machinery used for excavation will be delivered and collected from the site of excavation on a wagon and cleared of loose debris before entering the highway.

Road sweepers will be use on the site and the local highway if needed. However, this isn't anticipated.

5 Parking
The parking of contractors' site operatives and visitor's vehicles;

Site parking will be limited but contained within the existing site. The site compound and allocated contractors parking is identified in the Site Set Up Plan. Contractor parking provision within the site compound is deemed adequate and the Principal Contracotor is responsible for the management of this no on street parking is planned at this time.

The designated parking for the site is an existing paved and lined carpark. The client will manage staff parking to ensure sufficient visitor parking is provided on site.

There are currently 43 parking bays on site. The Farm and Equine business is to be relocated from the Somerset Road site temporarily during the build. This part of the business employs 10 people, and this reduction reduces the impact on parking with the proposed works. In addition the associated customers and visitors in relation to that part of the business will also be diverted.

6 Storage
Areas for storage of plant and materials used in constructing the development clear of the highway;

Plant/Materials will be stored within the site compound and protected where required.
Materials/Plant will not be left or stored in public area's i.e. carpark, highways, footpaths etc.

All raw materials will be appropriately stored on site to minimise damage by vehicles, weather or theft. Secure storage in the area designated on the site set up plan , is provided for items of high value, materials which are hazardous, or which are easily damaged. Packaging should be retained on goods until the materials are required. Once removed, packaging materials should be stored and returned to the supplier for re-use/ recycling wherever possible. Goods should be delivered on an "as

needed/ just in time" basis to reduce stockpiling on site, damage from vehicles and other causes of wastage.

7 Deliveries, Loading & Unloading

Measures to manage the delivery of materials and plant to the site including routing and timing of deliveries and loading and unloading areas;

All deliveries will be planned to avoid and allow enough time to avoid peak times, reducing disruption to the general public and highway users.

Deliveries will be booked in with site staff whenever practicably possible and avoid busy times of the day for deliveries. Deliveries will be prepared for, and areas cleared for laydown. Clear instruction will be given to suppliers/deliveries as to what direction to be coming to site to cause as little disruption to the public/carriage way. Materials and plant will only be unloaded/loaded on site. Materials/Plant should not be unloaded/loaded on the carriageway unless prior planning and segregation is in place.

An area within the site compound will be cleared for the use of any cranage, this will be locally operated and for an anticipated duration of 2-3 days, this will be managed outside of other construction activities.

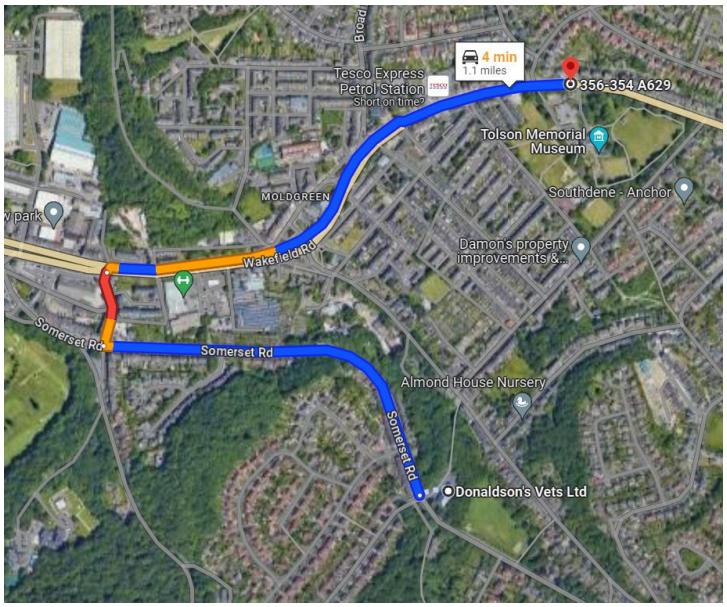
Sufficient area within the site compound has been provided for lay down and unloading of deliveries within the site compound.

8 HGV routes to site

Details of the routes to be used by HGV construction traffic and highway condition surveys on these routes.

Delivery route will be directly fed from the substantial A629 (Wakefield Rd), deliveries will exit at the Somerset Road and is <1 mile to the site entrance. Somerset road at this point is a key trunk road and is sufficient for the access required.

Examples below of access from A629 via Somerset Road.



9 protecting the public

Protection of carriageway and footway users at all times during demolition and construction

The existing routes to the site are well established and suitable for large deliveries and construction traffic. The risk within the site will be managed by the principal contractor in liaison with the client and practice staff on a daily basis.

There is no need to provide any additional protection to carriageway and footpath users, all works are situated well back from the footpath and highway.

10 Protection of contractors against highway

protection of contractors working adjacent to the highway

There will be no works adjacent to the highway.

11 Working Hours

Details of site working hours

- Between 07:30 and 18:00 Monday to Friday;
- Between 08:00 and 14:00 on Saturday and Sunday

Noisy or disruptive works will be confined to between 08:00 and 18:00 Mondays to Friday and 08:00 to 13:00 Saturdays.

Site operatives will be permitted to arrive/depart to/from site up to half an hour before and up to half an hour after the above times. However, the operation of plant/machinery/power tools and any noisy operations will be limited to the core hours stated above.

12 Hording & site security

Erection and maintenance of hoardings including decorative displays, security fencing and scaffolding on/over the footway & carriageway and facilities for public viewing where appropriate;

The site will be fenced off with Heras type fencing including debris netting to the perimeter of the site compound. This construction site is will within the existing practice site and the site is generally manged from point of entry. Gates on the construction compound will be clearly marked. There is no need for gates or fencing to the highway.

13 Dust

Means of minimising dust emissions arising from construction activities on the site, including details of all dust suppression measures and the methods to monitor emissions of dust arising from the development;

Where the possibility of dust occurs, a dust suppression kit will be used i.e. water pump attached to machine/plant. Where possible we will use methods of work that reduce the risk of producing dust.

In addition, we are intending to use, a hose sprinkler system on site to use as suppression on particular dry and dusty days. The water used in this operation will be minimal and will not require any form of additional drainage, existing carpark drainage will be maintained. Nor will it be of sufficient quantity to cause any issues to existing water courses.

All new materials brought to site if found to be particularly dry will be damped down and continually covered with a sprinkler dust suppression system at time of offloading and covered where appropriate during storage.

14 Noise

Measures to control and monitor construction noise;

Activities that produce noise and/or vibration will be planned. The most effective and lowest rating plant/machine available will be used. Any noise/vibration will be carried out a suitable time i.e. not first thing in the morning and not late on an evening. See section 11.

Noise of plant and vehicles will be kept to a reasonable level and within industry guidelines. Noise levels will be kept to a minimum to protect the hearing of both the workforce and those in the vicinity of the work. If noise levels are likely to be excessive, then an assessment will be made to reduce noise levels with measures other than hearing protection. The use of acoustic barriers or utilising other mechanical methods will be introduced to limit the noise or vibration levels in line with HSE guidance and HSE ACOP.

Consideration will be given to all items that may cause a risk to operatives from vibration. Construction methodology and equipment will be selected in order to reduce risk of vibration to the operative including other control methods such as job rotation. Relative information relating to the vibration rating and usage times will be given to all operatives.

15 Burring on site

Burning any material on site is strictly forbidden.

16 Removal of materials from site

Removal of materials from site including a scheme for recycling/disposing of waste resulting from demolition and construction works;

Removal of skips to and from site will not take place during peak hours. Same measures as deliveries to site are to be followed.

Skips will be provided on site and waste will be segregated and taken away by competent and licensed contractors.

The removal of waste will be controlled by the Site Manager. All waste will be removed by a registered waste carrier and waste transfer notes obtained. Details of the waste management arrangements will be communicated at induction.

17 Trees

Details of the measures to be taken for the protection of trees
The development and construction actives have no impact on trees.

18 External Lighting

Details of external lighting equipment;

The construction activity may use external lighting to operate safely during site hours in winter months. All site lighting will be turned off outside of site house as detailed in section 11.

19 piped ditches

Details of ditches to be piped during the construction phases;
Piping of ditches is not applicable to these works.

20 Method statement & Programme

A detailed method statement and programme for the building works

The principal contractor will produce Construction Phase Health & Safety Plan detailing the method statement of the works procedure. The broad programme of works is to commence in the new year 2024 and be completed within 42 weeks.

21.0 Signage

Signage (types and location) for directing construction traffic;

Statutory construction site signage will be affixed to the immediate site compound and securely attached to the heras fencing. In addition to this and located to the bell mouth to the existing site onto somerset road, an A3 size sign denoting the contractors' site with a simple directional arrow will be positioned facing the direction of oncoming deliveries.

A further A3 sign will be provided with the site managers contact details if a banks person is not present. There is sufficient space within the entrance of the site as to not obstruct the highway in doing so.

22.0 Contact details

Contact details for the responsible person (site manager/office) who can be contacted in the event of any issue.

Site Contact to be provided on Contractor Appointment, prior to appointment Project Manager Nathan Hughes of Gate & Bar Ltd. is contactable on 01904 373101.

Contractors' details provided on appointment.

Appendix A - Site Set Up Plan



Appendix B - Site Logistics Plan

