

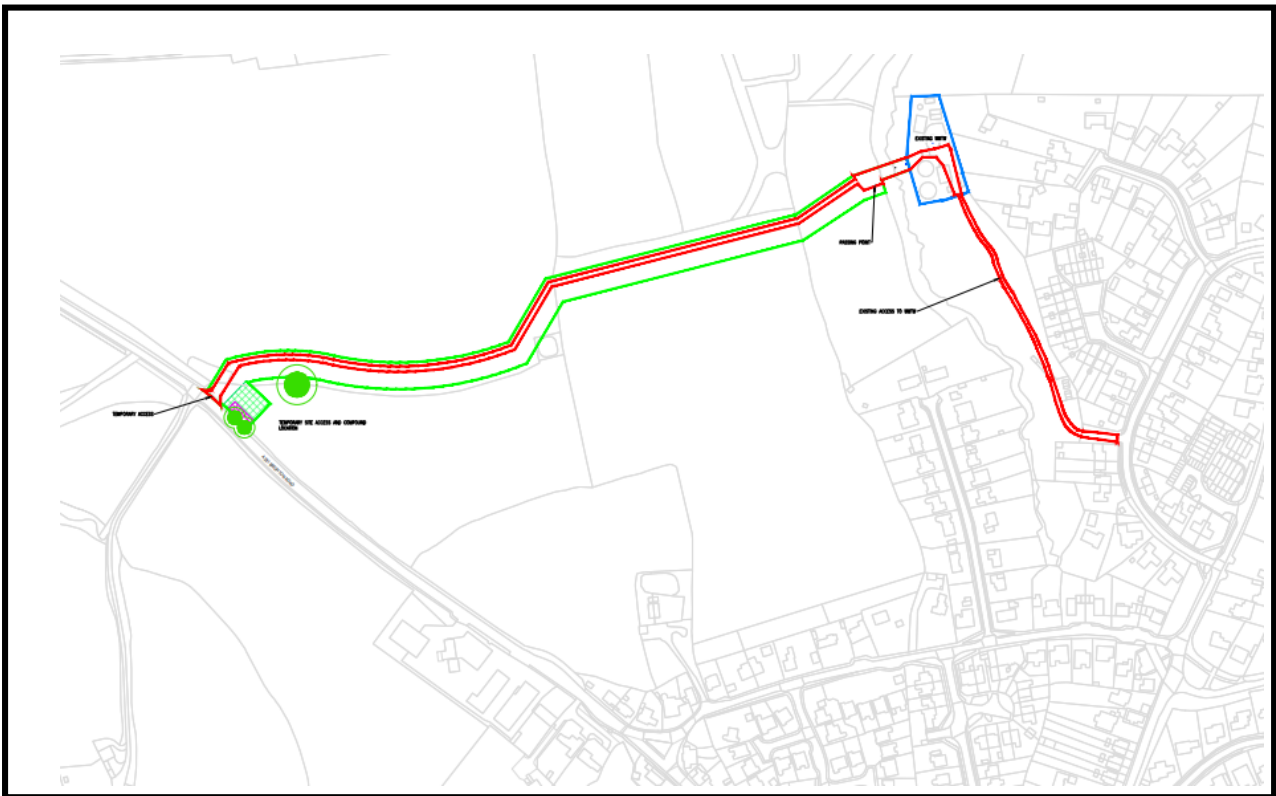
# Construction Traffic Management Plan

DOCUMENT REF: MANNINGS HEATH

CTMP FOR THE PIPE BRIDGE WORKS

REV001

Project: 751162 – Mannings Heath Pump Away  
Project



**Introduction.**

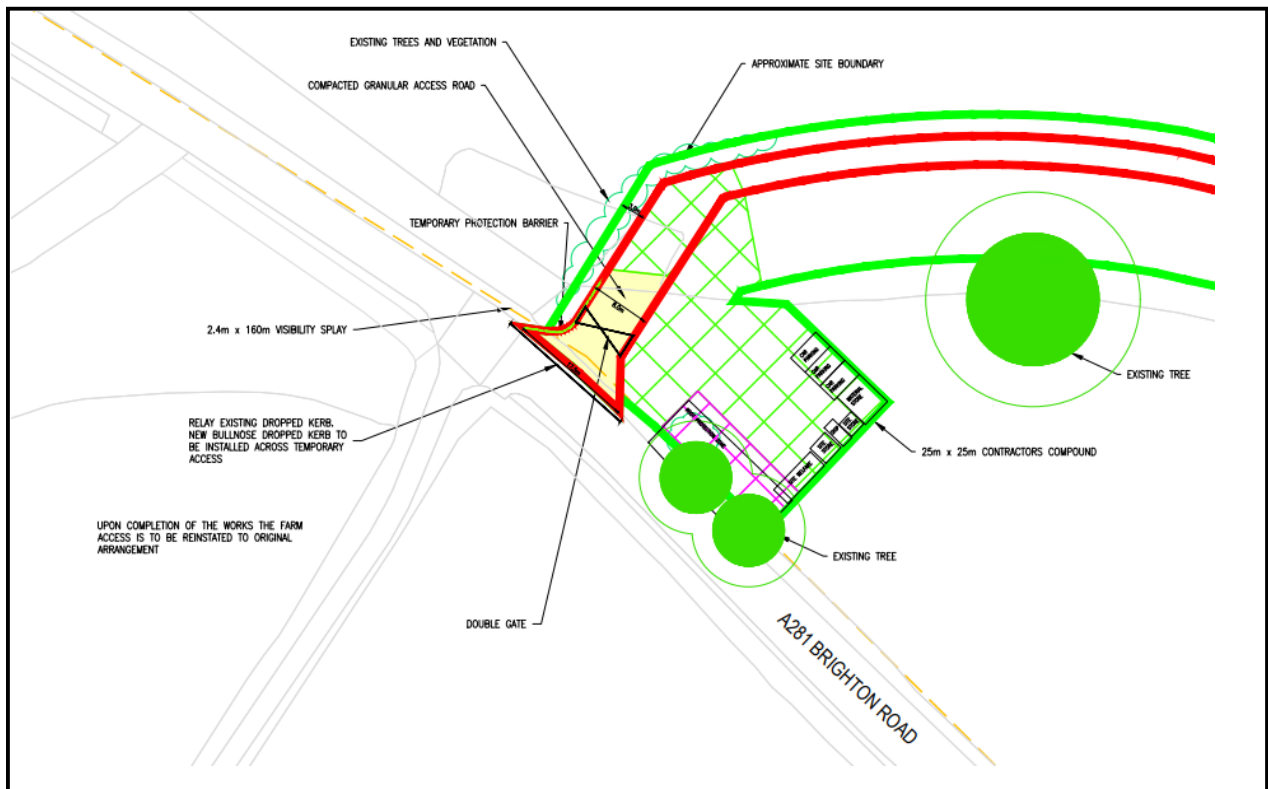
The purpose of this document is to propose how construction traffic including site personnel movements will be safely controlled for the pipe bridge construction on the Mannings Heath Pump Away project, by the Clancy Group and its sub-contractors working on behalf of Southern Water. Whilst the document covers some of the detail that would be expected within the construction phase plan, the main focus is the management of construction traffic, throughout the construction phase of the new proposed above ground pipe bridge, it should therefore be read as a Construction Traffic Management Plan (CTMP) against which any specific conditions can be applied to ensure the safe management of traffic throughout the construction period.

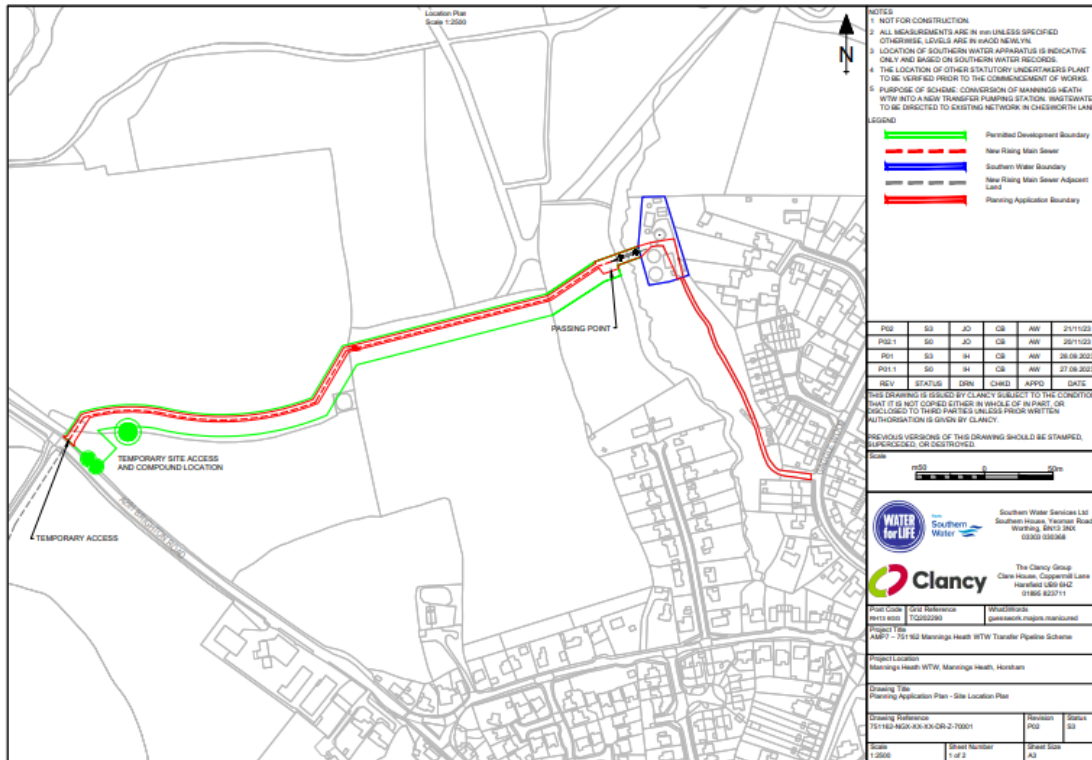
The site’s main compound is located on the A281, Brighton Road, Opposite Rickfield Farm, Mannings Heath, Horsham, RH13 6HY.

What 3 words [///hype.ranged.defend](http://hype.ranged.defend)

Site entrance grid ref: X (Easting) = 519734, Y (Northing) = 128902.

**The site location is shown in Figures 1 & 2**



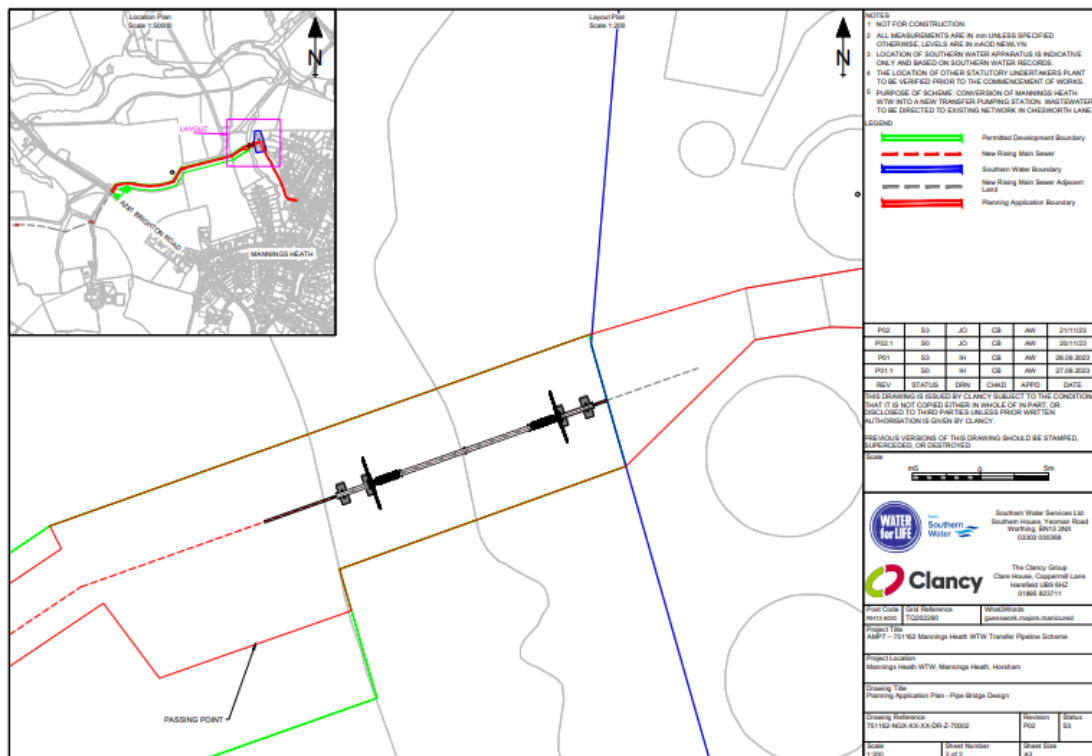


The access for the pipe bridge construction works will be from the main compound entrance above, then via an easement through the fields.

What 3 words for the Pipe Bridge location [occur.unlucky.airfields](https://www.occur.unlucky.airfields)

Pipe Bridge grid ref: X (Easting) = 520233, Y (Northing) = 129065.

**The site location is shown by Figure 3**

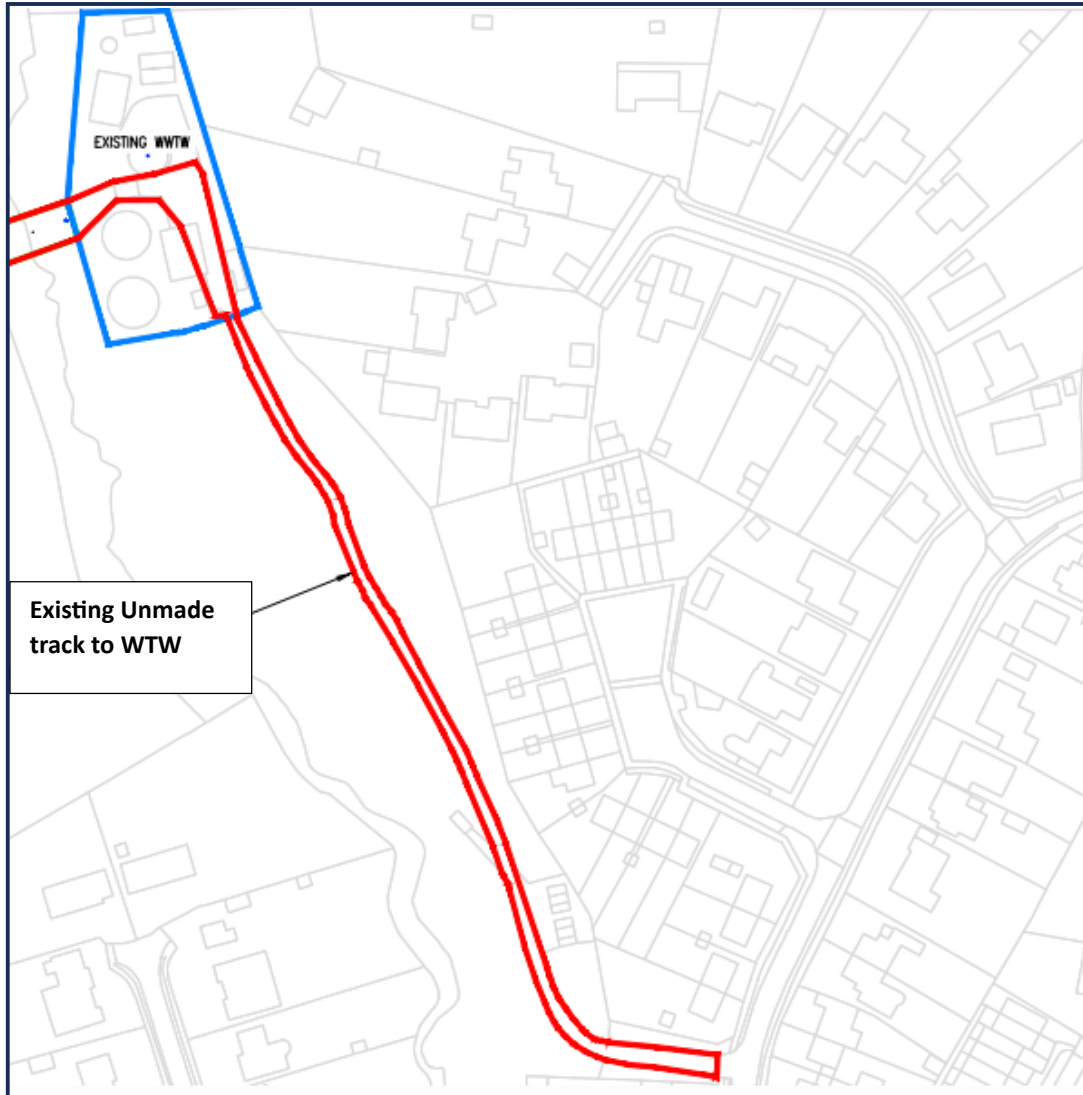


Mannings Heath WTW is located off Gaggle Wood, Mannings Heath, Horsham RH13 6JR.

What 3 words ///engages.pairings.employers

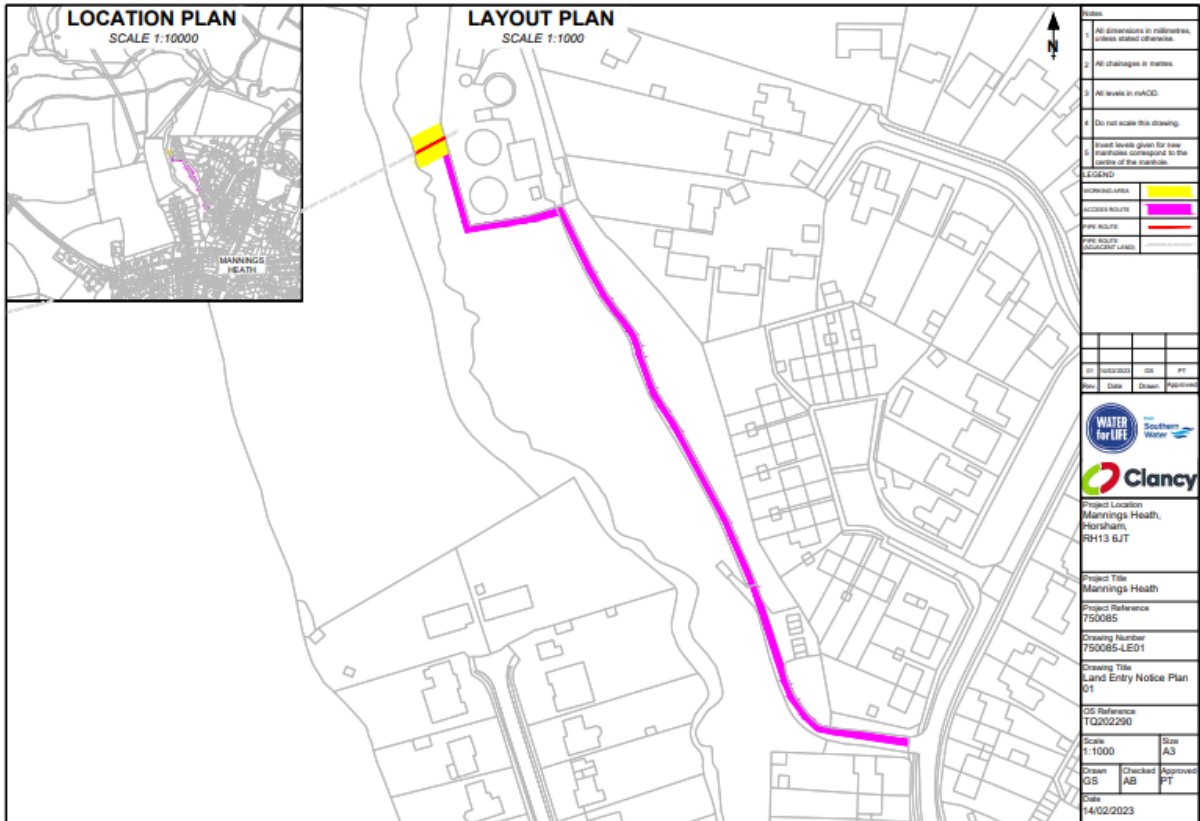
Site entrance grid ref: X (Easting) = 520297, Y (Northing) = 129055.

**The site location is shown in Figure 4**



There are two private landowners where land entry agreements will be required. This will be organised by South Water's land agents.

See below pictures showing land entry plans that have been submitted to the Landowners.



Notes

- All dimensions in millimetres, unless stated otherwise.
- All changes in metres.
- All levels in mAOD.
- Do not scale this drawing.
- Level levels given for new manholes correspond to the centre of the manhole.

LEGEND

- WORKS AREA
- ACCESS ROUTE
- NEW HOLES
- NEW HOLES ADJACENT LANE
- NEW HOLES ADJACENT LANE

Rev	Date	Drawn	Checked	Approved
01	14/02/2023	GS	AB	PT


Project Location  
 Mannings Heath,  
 Horsham,  
 RH13 6JT

Project Title  
 Mannings Heath

Project Reference  
 750085

Drawing Number  
 750085-LE01

Drawing Title  
 Land Entry Notice Plan 01

OS Reference  
 TQ200290

Scale  
 1:1000

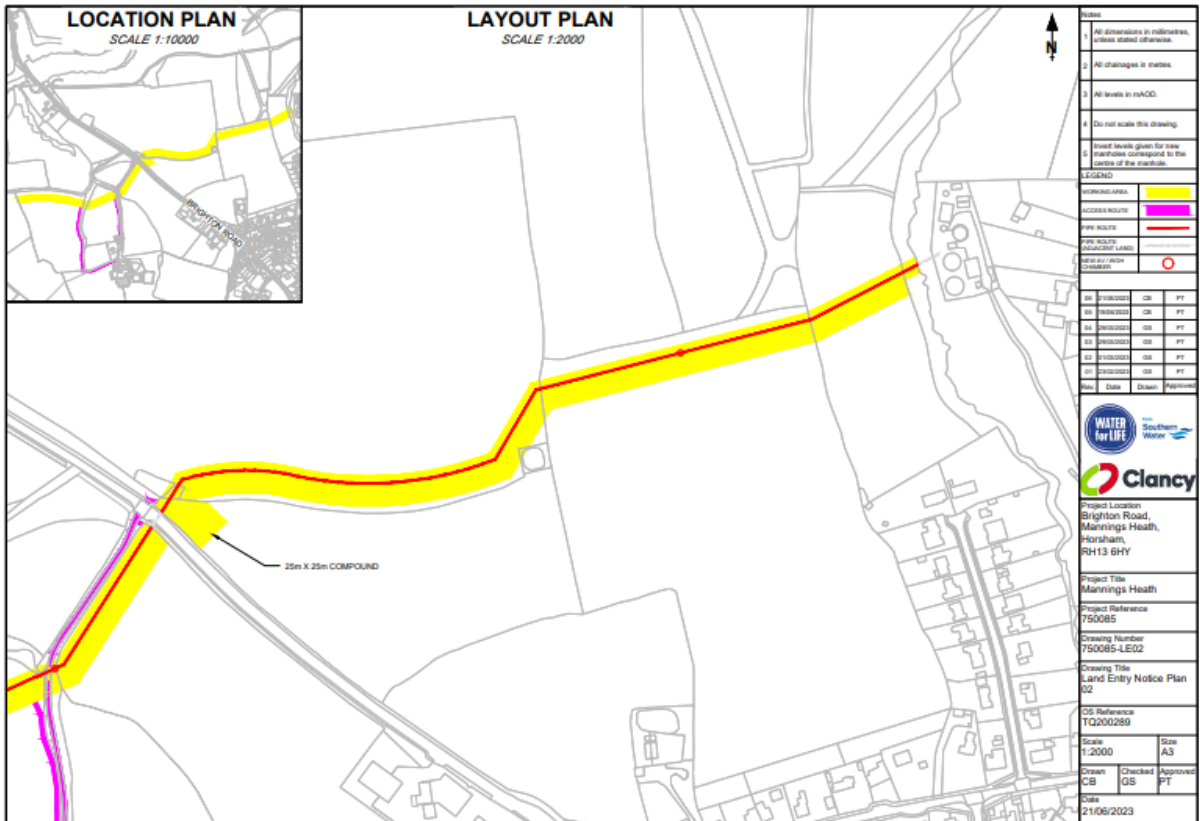
Size  
 A3

Drawn  
 GS

Checked  
 AB

Approved  
 PT

Date  
 14/02/2023



Notes

- All dimensions in millimetres, unless stated otherwise.
- All changes in metres.
- All levels in mAOD.
- Do not scale this drawing.
- Level levels given for new manholes correspond to the centre of the manhole.

LEGEND

- WORKS AREA
- ACCESS ROUTE
- NEW HOLES
- NEW HOLES ADJACENT LANE
- NEW HOLES ADJACENT LANE
- NEW HOLES ADJACENT LANE

Rev	Date	Drawn	Checked	Approved
04	21/06/2023	CB	GS	PT
03	16/06/2023	CB	GS	PT
02	16/06/2023	CB	GS	PT
01	16/06/2023	CB	GS	PT


Project Location  
 Brighton Road,  
 Mannings Heath,  
 Horsham,  
 RH13 6HY

Project Title  
 Mannings Heath

Project Reference  
 750085

Drawing Number  
 750085-LE02

Drawing Title  
 Land Entry Notice Plan 02

OS Reference  
 TQ200289

Scale  
 1:2000

Size  
 A3

Drawn  
 CB

Checked  
 GS

Approved  
 PT

Date  
 21/06/2023

## **Site Working Times**

It is proposed that construction will be undertaken during the following times:

<b>DAY</b>	<b>HOURS</b>
Monday	07:30 – 17:00
Tuesday	07:30 – 17:00
Wednesday	07:30 – 17:00
Thursday	07:30 – 17:00
Friday	07:30 – 17:00
Saturday	08:00 – 13:00
Sunday	No Works
Bank Holiday	No Works
Site Security	CCTV – 24 HOURS

## **Construction Overview**

The development of the pipe bridge will be subject to a 17-week construction period, which will involve regular site deliveries throughout the whole project comprising of multiple different size lorries and vehicles.

Advance warning signs will be erected to warn the public of the proposed works 2 weeks before the construction works start, also our public relation officer will letter drop the wider area, detailing the proposed works.

An average of up to 8 construction workers and 4 supervisors/managers are forecast to be on site during peak times during the construction period.

A temporary car parking area will be provided on site within the contractor's compound area for visitors and management. The construction teams will park their vehicles along the easement, outside of Gaggle Wood. Parking will therefore be contained within the site easements and no unnecessary parking will occur on the local highway network.

The location of where staff will travel from is unknown at this stage. The number of car trips to the site will be minimised where possible as the site teams will be sharing work vehicles.

The construction period will include the use of HGVs to bring the equipment and materials onto the site. This will be strictly managed to ensure that vehicle movements are controlled and kept to a minimum, a traffic marshal will be present to operate the front gates to the compound and the deliveries will be staggered, also all loading and unloading of materials will be carried out within the site compound / easement areas to eliminate any disruption on the public highway. If abnormal loads are required for delivery of equipment this will be notified to the police and a lorry movement order put in place with 4 days' notice.

The number of HGVs is estimated to be 170, over the 17-week construction period. This averages at 2 HGVs per day over a 5-day week, which equates to 340 total HGV movements (1 arriving + 1 leaving). However, this number is likely to be higher during the enabling and ground works phases. Deliveries to the site will be managed to avoid highway network weekday peak hours. Construction work and construction traffic movements shall not take place on Sundays, bank holidays or after 13.00 on a Saturday unless such work is associated with an emergency or with the prior written consent of the local authority.

## Site Access and Site Rules

### Map showing the locations off the main compound and entrance to Mannings Heath WTW.



### Entrance to the site's main compound




















Entrance to Mannings Heath WTW





<b><u>Traffic Plan &amp; Site Rules:</u></b>	
<b>The following rules regarding site traffic for the works <u>MUST</u> be followed by all vehicles entering and leaving site:</b>	
	<ul style="list-style-type: none"> <li>Deliveries must be notified to site at least the day before scheduled delivery (when acceptable delivery times will be advised by site management)</li> <li>Deliveries involving larger vehicles (i.e. articulated &amp;/or high-sided lorries, lorries with additional trailers) need to be suitably planned and agreed with Clancy Site Manager (or delegate), with at least 5-working days' notice to the site team prior to the scheduled delivery date</li> </ul>
	<ul style="list-style-type: none"> <li>Any Abnormal Load (those deliveries which require Highways England Notification) must be planned well in advance and coordinated with Clancy, with at least 10-working days' notice to enable suitable arrangements to be made.</li> </ul>
	<ul style="list-style-type: none"> <li><b>Delivery vehicles must avoid arriving and departing at peak / school drop-off times, during the following hours:</b>  <b>Monday – Friday: 08:30 – 09:15 and 15:30 – 16:30</b></li> </ul>
	<ul style="list-style-type: none"> <li>On arrival to site, all construction delivery traffic must report to the site offices (adjacent to the main entrance gate), or nominated gateman/marshal to receive induction and directions</li> </ul>
 	<ul style="list-style-type: none"> <li>Once on site, Construction traffic to be directed to the required location / works area of site by Banksman / Marshal</li> <li>Reversing of vehicles (except cars/light vans &amp; plant with 360° visibility) is <b>prohibited</b> unless under banksman/traffic marshal direction</li> </ul>
	<ul style="list-style-type: none"> <li>Drivers must obey instructions from site supervisor or banksman</li> </ul>
	<ul style="list-style-type: none"> <li>10 mph site speed limit</li> </ul>
	<ul style="list-style-type: none"> <li>No mobile phones or devices while on site – used designated areas only (as per site induction)</li> </ul>
	<ul style="list-style-type: none"> <li>Delivery drivers &amp; visitors must wear mandatory site PPE (orange long-sleeved high vis vest/jacket and long trousers, safety boots, hard hat, gloves &amp; safety glasses)</li> </ul>
	<ul style="list-style-type: none"> <li>Site roads must be kept clear of obstructions and methods employed to reduce dust generation and mud on the road, including wheel washing and site road sweeping as required</li> </ul>
	<ul style="list-style-type: none"> <li>Pedestrian routes will be suitably fenced &amp; sign-posted to segregate vehicles &amp; pedestrians – current site layout to be briefed to drivers on arrival to site</li> </ul>
	<ul style="list-style-type: none"> <li>Visitors to reverse park in designated area/s.</li> </ul>

### **Site Entrance**

The site entrance to the main compound will be off the A281, Brighton Road, Horsham, RH13 6HY.

**what3words/// hype.ranged.defend**

### **Site Security**

The site and compound perimeter will be fully fenced off with Heras fencing double clipped with Anti-tamper couplers.

Safer Pod S1 intruder detection system will be installed which provides the next generation in site security.

Revolutionizing intruder detection systems, the Safer Pod S1 provides industry-leading standards in:

- Image Quality
- Wireless Technology
- AUXILLIARY ADD-ONS
- Anti-Tampering
- Rapid Deployment
- Durability
- Self-Sufficiency
- Crime Deterrence



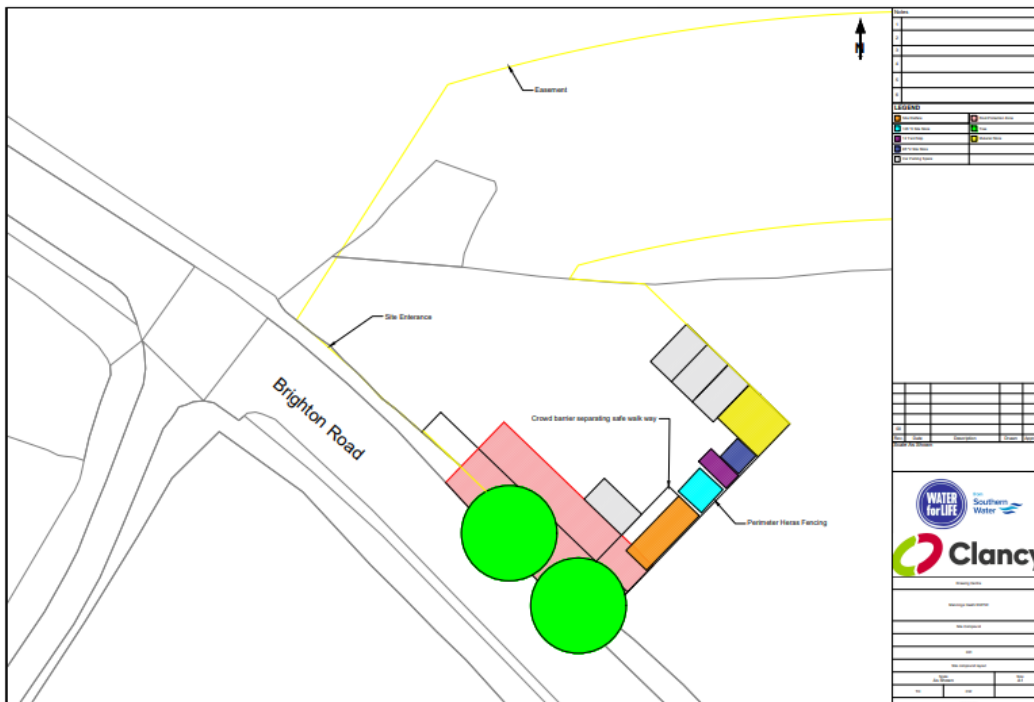
### Construction Compound









The construction of the compound will be completed before any works commence on the new pipe bridge. The compound will be constructed as per below.

Size of the main compound will be 25m x 25m. The topsoil will be stripped and banded then a Terram membrane laid with a 200mm layer of crushed concrete and then a 50mm capping layer of type one stone.

All delivery vehicles will be able to enter the site and unload within the compound area. There will be no queuing, parking or unloading on the public highway. To facilitate unloading there will be a traffic marshal present at all times.

### Compound setup plan below



LEGEND	
 Site Welfare	 Root Protection Zone
 10ft *2 Site Store	 Tree
 12 Yard Skip	 Material Store
 8ft *2 Site Store	
 Car Parking Space	

### **Delivery & Collection Permitted Times**

Where possible deliveries and collections will be restricted to the hours of 09:30 – 15:30 weekdays.

### **Installation of Traffic Management**

The following site warning signs will be installed to warn road users of the site entrance.



### **Impact on other Highway Users**

It is not envisaged that the Construction Site will have any impact on other users caused by delays accessing the site. Arrangements will be made to ensure that in times of peak traffic, plant movements and deliveries will be kept to a minimum.

### **Existing Waiting & Loading Restrictions**

Not applicable at this site.

### **Storage of Materials & Equipment on Highway**

This is not applicable; all storage of materials and equipment will be within the easement on private land and the main compound area off the A281, Brighton Road, Horsham.

### **Noise, Dust, Vibration, Dirt**

Sub-contractors, material suppliers, construction workers (all who take road vehicles onto site) will be briefed on courteously entering and leaving site and also to ensure that NO construction dirt, mud, debris is transferred to the highway.

When required a vehicle wheel wash or wheel washing facilities will be used.

The following mitigation measures will also be adopted to minimise dirt and dust from entering the local highway network:

- Spraying of areas with water as and when conditions dictate.
- A road sweeper will be made available whenever operations dictate.
- Vehicles carrying waste material off site will be sheeted.

### **Spoil & Waste Removal**

All spoil generated on the Site, will be transported away using a combination of grab lorries and 8-wheel tipper lorries depending on volume and stage of the works. Other wastes will be disposed of using skips.

### **Decommission**

The site compound and easement areas will be returned to their previous use at the end of the scheme.