Construction Traffic & Environmental Management Plan

Erection of a Pipe Manufacturing Facility with associated storage

1 Context

1.1 This document relates to the development outlined above, which was recently approved on land at Brascote Lane, Cadeby, Leicestershire, CV13 0BB. This Construction Traffic & Environmental Management Plan (CTEMP) is prepared by Heatons on behalf of the Applicant, FP McCann Limited.

1.2 The CTEMP will ensure that the construction of the pipe manufacturing facility is compliant with relevant legislation and minimises potential impacts of construction activities on sensitive receptors, including humans and the environment.

1.3 FP McCann Limited will make adherence to this CTEMP a contractual requirement for the development project. It is to cover the management of contractors' activities and those of any sub-contractor working under the main contractor's control. The CTEMP defines the minimum requirements that will be met.

1.4 The appointed Site Manager is to ensure that the existence of this CTEMP is made known to all personnel on site. A site induction shall address the content of this CTEMP. Other sessions in the form of toolbox talks may be held over the duration of site preparation and construction, in order to raise awareness of the environmental issues affecting the site and how they should be tackled, if considered necessary.

2 Description of Project

2.1 The approved development involves the creation of a new factory to be used as a production facility for plastic pipes and ducts. The work will involve:

- Bulk excavation and filling
- Drainage
- Road makeup

- Kerbing
- Footpath makeup
- Street lighting
- Surfacing
- Whitelining
- Fencing
- Foundation install
- On site pedestrian and traffic management.
- Working with services / utilities
- Steel/Concrete Portal frame erection
- Cladding
- Electrical works
- Concrete floor install
- Large machinery installs
- Other associated ancillary works.

2.2 The works will take place within the land edged red on Figure 1 below:

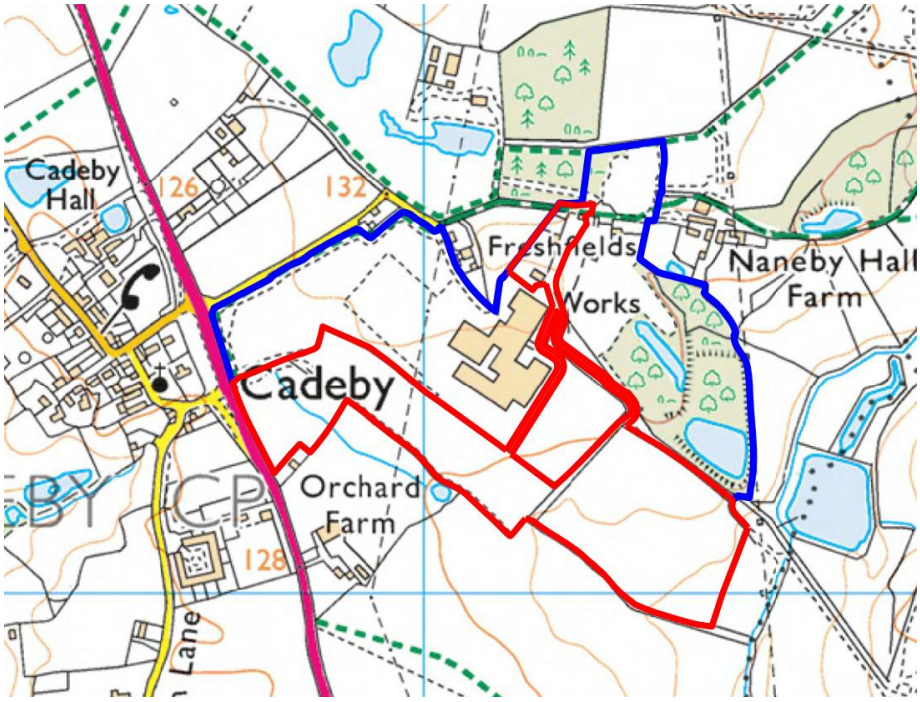


Figure 1 Site Location

2.3 The development will be delivered in accordance with the approved Site Layout Plan, replicated on Figure 2 below. A full, to-scale, version of the Site Layout Plan is available on the Hinckley and Bosworth Borough Council online planning register.

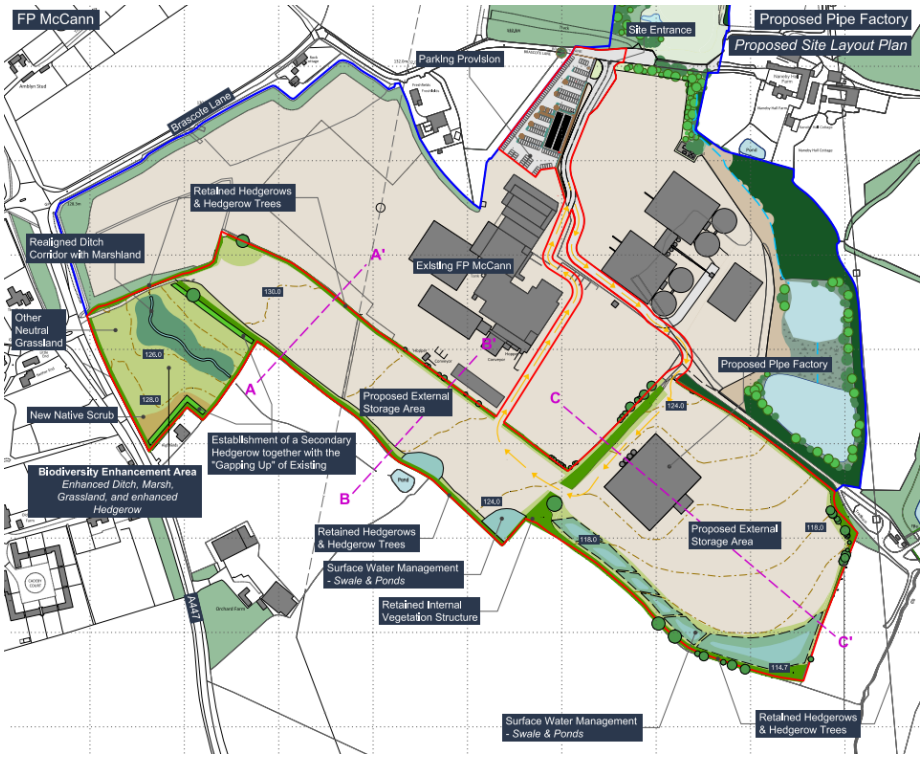


Figure 2 Site Layout

3 Scope of this CTEMP

3.1 This CTEMP addresses the following:

- Access and Egress;
- Parking;
- Avoidance of Mud on the Public Highway;
- Management of Risks Associated with Deliveries and Removal of Materials from Site (Including Waste Management);
- Construction Hours;
- Noise;
- Dust;
- Odour and Smoke;
- Artificial Lighting;
- Land Contamination;
- Site Induction and Training; and

- The Site's Complaints Procedure.

3.2 The matters above are addressed in the following sections of the CTEMP.

4 Access and Egress

4.1 All access to the construction site will come via the approved access point on Brascote Lane.

4.2 Safe access and egress to working areas will be defined within the site boundary. These must be maintained and personnel are to ensure that they use the designated safe route only.

4.3 The site access and egress must be kept clear at all times in case of emergency and is only to be used by moving site vehicles.

4.4 Where it is required that pedestrians have access through or adjacent to site, a safe access route shall be provided at all times.

5 Parking

5.1 All contractors' parking is to be on-site. There is to be no parking of contractors' staff or Brascote Lane.

6 Avoidance of Mud on Public Highway

6.1 It is acknowledged that it is an offence under Section 148 of the Highways Act 1980 to deposit mud/detritus on the highway that would interrupt other users of the highway. The scheme below is to be implemented to avoid such interruption to highway users, and will be maintained throughout the approved works.

6.2 In order to prevent vehicles leaving the site inadvertently carrying mud/detritus from the site and onto the public highway, primary measures are to be implemented to prevent deposition of mud/detritus from leaving the site. These include:

- Clearance of mud and debris from all areas that will support vehicle traffic, as and when required, to minimise the potential for vehicles to collect such materials within their wheels prior to exiting the site;
- A temporary, portable wheel wash shall be installed near the entrance of the site. This will be a 'closed loop' system whereby all water is recycled. There will be no requirement to discharge waste water and all sediment/solid waste will be removed by tanker for authorised disposal.
- The public highway in the vicinity of the construction site will be swept as and when it deemed necessary by the Site Foreman.

6.3 All contractors and sub-contractors will be conversant with the need to prevent the depositing of materials onto the public highway.

7 Management of Risks Associated with Deliveries and Removal of Materials from Site (Including Waste Management)

7.1 Signage will be provided to warn the public of plant / vehicles and to alert plant / vehicles of the potential to encounter the public close to the site's connection with Brascote Lane, part of which is a Public Right of Way.

7.2 Access for emergency vehicles will be maintained at all times.

7.3 Care will be taken as vehicles approach and leave the site area. Efforts will be taken to ensure that all public roads remain free from mud and debris arising out of the construction operations.

7.4 FP McCann will ensure that all vehicular movements in the area are adequately "policed" and extreme care taken, with particular regard given to pedestrians.

7.5 FP McCann will aim to minimise the creation of waste wherever possible. All materials requiring disposal will be disposed of in accordance with FP McCann's company policy.

7.6 For the avoidance of all doubt, a 'no burning of waste' policy shall be adhered to by contractors on site.

7.7 Any materials deemed to be hazardous will be disposed of in accordance with statutory and Local Authority requirements.

8 Construction Hours

8.1 To ensure that the construction activities do not result in any unacceptable adverse impact on surrounding receptors, the construction hours established within Condition 4 of the site's planning permission will be adhered to. These are:

- 07:30 to 18:00hrs Monday to Friday.
- 08:00 to 13:00hrs Saturday.
- No construction operations on Sundays or bank/public holidays.

8.2 Any variation to these working hours shall be agreed in advance with the Planning Authority.

9 Noise

9.1 All potentially noisy work must be kept to a minimum and adequately controlled. The Control of Noise at Work Regulations and Control of Pollution Act to be complied with.

9.2 Materials should be handled with care and whenever practicable not dropped.

9.3 Activities will be restricted to the hours established within Condition 4 of the site's planning permission, avoiding the potential to impact off-site receptors in unsociable hours.

9.4 Deliveries to site will be planned in off peak periods where practicable.

9.5 To avoid potential for unnecessary noise, all plant and equipment in use on site will be maintained in good working order and used for its intended purpose. Any plant or equipment found to be defective will be taken out of service until it has been repaired or replaced.

10 Dust

10.1 Part III of the Environmental Protection Act 1990 identifies the emission of dust from construction sites as having the potential to be a statutory nuisance and requires its control under section 80. Construction site activities with potential air quality / dust impacts include construction activities and trackout.

10.2 Dusty operations must be kept to a minimum and adequately controlled by wetting down / erection of screens / provision of chutes as appropriate. Screening may be required, if working close to existing occupied residential receptors.

10.3 General best practice guidance for dust control will be adhered to, including the following:

- Appropriately designed vehicles are to be used for materials handling;
- Completed earthworks are to be landscaped as soon as practicable; and
- The site is to be regularly inspected and site boundaries checked for dust deposits and removed as necessary. In addition, Brascote Lane will be checked and cleaned when necessary.

11 Odour and Smoke

11.1 Odour and/or smoke are not expected to occur as part of the construction process. Construction activities will not involve any deliberate burning.

12 Artificial Lighting

12.1 A need to provide lighting for the site during construction in not envisaged as the majority of activities will occur during daylight hours. In the unlikely event that lighting is required, all artificial lights will be switched off outside the permitted construction hours (i.e. after 1800 Monday to Friday and after 1300 on Saturdays).

13 Land Contamination

13.1 Ground conditions are not considered likely to present any undue hazards other than those associated with normal construction practices. Should any hazardous materials or contamination be suspected work in the area will cease and the Principal Designer will be notified immediately.

13.2 Where hazardous substances are intended use on site, FP McCann site management will provide Material Safety Data Sheets detailing the hazardous properties and precautions to be taken (including monitoring and health surveillance as necessary) during use and storage.

13.3 Non-solvent-based products are to be used where possible. FP McCann will ensure adequate ventilation at all times, where required.

13.4 Where a contractor is bringing a hazardous substance for use on site, the contractor must provide to FP McCann site management an assessment of the risks associated with the substance if use of the substance could affect others.

13.5 FP McCann site management will maintain adequate records of any monitoring and health surveillance found to be necessary in respect of its work.

13.6 When design is part of the works, FP McCann designers will ensure that in the detailed design of the project, the level of hazard under the COSHH Regulations is to be a consideration in the choice of materials. Where reasonably practicable those materials causing a lesser hazard will be used in preference to those with a higher risk to people at work and others.

14 Site Induction and Training

14.1 All staff and contractors will be made aware of the existence of this document and will be conversant with its content.

14.2 An induction will be given by FP McCann site management for both FP McCann and contractors' workforce, including staff, before starting work on site. Visitors will also receive a site induction. The names of all inductees will be recorded. No new start will be able to begin work on site until he/she has been inducted. Contractors will be made aware of this at pre-start meetings.

14.3 All construction activities shall be carried out in accordance with the existing FP McCann Company Policy Statements. This includes a specific "Good Neighbour" Company Policy Statement along with various operating procedures and training documents which cover to topics such as:

- Being a good neighbour ;
- Noise and vibration ;
- Dust and air quality ;
- Dust and fumes ;
- Material Handling and Housekeeping ;
- Pollution Prevention ; and
- Plant movements and reversing.

14.4 Only trained, competent, and certified personnel will operate site plant. Plant operators will receive refresher training in accordance with statutory requirements.

15 Compliance Monitoring

15.1 The Site Manager for the site will be ultimately responsible for ensuring that all staff and contractors adhere to this CTEMP as well as FP McCann's Company Policy Statements.

15.2 Site staff and contractors will also be responsible for their own actions. An environment in which staff and contractors can confidently raise issues relating to non-compliance with this CTEMP and Company Policy Statements will be encouraged.

16 Complaints Procedure

16.1 Complaints about any activities associated with the construction project should be directed to the Site Manager in the first instance, either by telephone or by email. Contact details for the Site Manager shall be display at the construction site entrance, visible to the public.

16.2 Where a valid/verified complaint is received, the contract will complete a full investigation within two business days and will provide a written/verbal response to the complainant within five working days. Where the investigation identifies a need for corrective action(s) these will implemented immediately.