



**Part B Application Form
Application for a Permit
Pollution Prevention and Control Act, 1999
Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended)
Local Authority Pollution Prevention and Control**

INTRODUCTION

When to use this form

This regime is known as Local Authority Pollution Prevention and Control, LAPPC. Installations permitted under this regime are known as **Part B** installations. Use this form if you are sending an application for a 'Part B' permit to Coventry City Council under the Pollution Prevention and Control (England and Wales) Regulations 2000 (as amended) ("the PPC Regulations").

Before you start to fill in this form

Please read the DEFRA general guidance manual issued for LA-IPPC and LAPPC. This contains a list of other documents you may need to refer to when you are preparing your application, and explains some of the technical terms used. You will also need to read the relevant sector guidance note, BREF note or process guidance note as relevant. The Pollution Prevention and Control (England and Wales) Regulations 2000 can be obtained from The Stationary Office, or viewed on their website at: www.legislation.hmso.gov.uk/si/si2000/20001973.htm.

Which parts of the form to fill in

You should fill in as much of this form as possible. The appropriate fee must be enclosed with the application to enable it to be processed further. When completed return to:

**Coventry City Council
Public Protection
Room 305 Broadgate House
Broadgate
Coventry
CV1 1NH**

Other documents you may need to submit

There are a number of other documents you may need to send us with your application. Each time a request for a document is made in the application form you will need to record a document reference number for the document or documents that you are submitting in the space provided on the form for this purpose. Please also mark the document(s) clearly with this reference number and the application reference number (if you have been given one, it will be at the top of the form overleaf). If you do not have either of these, please use the name of the installation.

Using continuation sheets

In the case of the questions on the application form itself, please use a continuation sheet if you need extra space; but please indicate clearly on the form that you have done so by stating a document reference number for that continuation sheet. Please also mark the continuation sheet itself clearly with the information referred to above.

Copies

Please send the original and three copies of the form and all other supporting material, to assist consultation.

If you need help and advice

We have made the application form as straightforward as possible, but please get in touch with us at the Local Authority address given above if you need any advice on how to set out the information we need.

LAPPC Application Form : to be Completed by the Operator

For Local Authority use		
Application Reference:	Officer Reference:	Date Received:

A 1.1 Name of the Installation

Concrete Batching Plant

A 1.2 Please Give the Address of the Site of the Installation

Aldermans Green Industrial Estate
Barlow Road
Coventry

Postcode

CV2 2LD

Telephone Number:

02476 622 992

Ordnance Survey National Grid Reference: 8 characters

For example SJ 123 456

SP 368 829

A 1.3 Existing Authorisations

Please give details of any existing LAPC or IPC authorisation for the installation, including reference number(s):

This is a new application for a concrete batching plant, which will replace an existing plant on the neighbouring site (permit reference PPC/023 variation 002)

Please provide the information requested below about the "Operator", which means the person who it is proposed will have control over the installation in accordance with the permit (if granted).

A 2.1 The Operator - please Provide the Full Name of Company or Corporate Body

Tarmac Limited

Trading / Business Name: (if different)

As above

Registered Office Address:

Millfields Road
Ettingshall
Wolverhampton

Postcode: WV4 6JP

Principal Office Address: (if different)

As above

Postcode: _____

Company Registration Number:

453791

A 2.2 Holding Companies

Is the operator a subsidiary of a holding company within the meaning of Section 736 of the Companies Act 1985?

No

Yes Yes

Name of Ultimate Holding Company:

Anglo American PLC

Registered Office Address:

20 Carlton House Terrace
London

Postcode:

SW1Y 5AN

Principal Office address: (if different)

As above

Postcode: _____

Company Registration Number:

3564138

A 3.1 Who can we Contact about your Application?

It will help us to have someone who we can contact directly with any questions about your application. The person you name should have the authority to act on behalf of the operator. This could be an agent or consultant rather than the operator.

Name:

Bob Robinson

Position:

Senior SHE Adviser

Address:

Tarmac Ltd
Bellmoor
Retford
Nottinghamshire

Postcode: DN 22 8SG

Telephone Number:

01777 703 891

Fax Number:

01777 713 586

E-mail Address:

bob.robinson@tarmac.co.uk

B 1 ABOUT THE INSTALLATION

Please fill in the table below with details of all the current activities in operation at the whole installation.

In Column 1a Activities in the Stationary Technical Unit

Please identify all activities listed in Schedule 1 of the PPC Regulations that are, or are proposed to be, carried out in the stationary technical unit of the installation.

In Column 1b Directly Associated Activities

Please identify any directly associated activities that are, or are proposed to be, carried out on the same site which:

- have a technical connection with the activities in the stationary technical unit,
- could have an effect on pollution.

In Column 2a and b Schedule 1 References

Please quote the Chapter number, Section number, A(2) or B, then Paragraph and Sub-paragraph number as shown in Part 1 of Schedule 1 of the PPC Regulations. For example, *Manufacturing glass where the use of lead compound is involved*, would be listed as Chapter 3, Section 3.3, Part B(b).

B 1.1 Installation Table for New Permit Application

COLUMN 1a	COLUMN 2a
Activities in the Stationary Technical Unit	Schedule 1 References
Blending, packing, loading, unloading and use of bulk cement	Chapter 3, Section 3.1, Part B (a) Production of cement and lime
COLUMN 1b	COLUMN 2b
Directly Associated Activities	Schedule 1 References
Storage and transfer of aggregates	Not a prescribed process
Loading of mixed products to vehicles	Chapter 3, Section 3.1, Part B (a) Production of cement and lime

B 1.2 Why is the Application Being Made?

The installation is new.

B 1.3 Site Maps

Please provide:

- A suitable map showing the location of the installation clearly defining extent of the installations in red.

Document Reference: [Tarmac drawing C90_02](#)

- A suitable plan showing the layout of activities on the site, including bulk storage of materials, waste storage areas and any external emission points to atmosphere.

Document Reference: [Tarmac drawing DEV0176](#)

B 2 THE INSTALLATION

Please provide written information about the aspects of your installation listed below. We need this information to determine whether you will operate the installation in a way in which all the environmental requirements of the PPC Regulations are met.

B 2.1

Describe the proposed installation and activities and identify the foreseeable emissions to air, water and land from each stage of the process (this will include any foreseeable emissions during start up, shut down and any breakdown/abnormal operation).

The use of process flow diagrams may aid to simplify the operations.

Document Reference: [Appendix 1 – Process Description](#)

B 2.2

Once all foreseeable emissions have been identified in the proposed installation activities, each emission should be characterised (including odour) and quantified.

Atmospheric emissions should be categorised under the following:

- i. Point source (e.g. chimney/vent, identified by a number and detailed on a plan).
- ii. Fugitive source (e.g. from stockpiles / storage areas).

If any monitoring has been undertaken please provide the details of emission concentrations and quantify in terms of mass emissions. If no monitoring has been undertaken please state this.

(Mass Emission - the quantification of an emission in terms of its physical mass per period of time. For example grams per hour, tonnes per year).

New installation; no monitoring has been undertaken. Visual monitoring proposed when installation in use.

B 2.3

For each emission identified from the installation's activities describe the current and proposed technology and other techniques for preventing or, where that is not practicable, reducing the emissions. If no techniques are currently used and the emission goes directly to the environment without abatement or treatment, this should be stated.

Document Reference: [Appendix 1, Section 3; Techniques for the prevention of releases into the air](#)

B 2.4

Describe the proposed systems to be used in the event of unintentional releases and their consequences. This must identify, assess and minimise the environmental risks and hazards and provide a risk based assessment of any likely unintentional releases, including the use of historical evidence. If no assessments have been carried out please state.

Document Reference: [Appendix 1, Section 3,4,5 and 6](#)

B 2.5

Describe the proposed measures for monitoring all identified emissions including any environmental monitoring and the frequency, measurement methodology and evaluation procedure proposed (e.g. particulate matter emissions, odour etc.). Include the details of any monitoring which has been carried out which has not been requested in any other part of this application. If no monitoring is proposed for an emission please state the reason.

Document Reference: [Appendix 1, Section 3,4,5 and 6](#)

B 2.6

Provide detailed procedures and policies of your proposed environmental management techniques in relation to the installation activities described.

Document Reference: [Appendix 1, Section 6 and 7](#)

B 3 IMPACT ON THE ENVIRONMENT

B 3.1

Provide an assessment of the potential significant local environmental affects of the foreseeable emissions (for example, is there a history of complaints; is the installation in an Air Quality Management Area?).

Document Reference: [This is a new installation, which will be constructed to, and operated under, standards detailed in PG3/1/04](#)

B 3.2

Are there any sites of special scientific interest (SSIs) or European Sites which are within two kilometres of the installation?

[No](#)

B 3.3

Provide an assessment of whether the installation is likely to have a significant effect on such sites and, if it is, provide an assessment of the implications of the installation for that site, for the purposes of the Conservation (Natural Habitats etc.) Regulations 1994.

Document Reference: [N/A](#)

B 4 ENVIRONMENTAL STATEMENTS

B 4.1

Has an environmental impact assessment been carried out under The Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999, or for any other reason with respect to the installation?

[No](#)

Document Reference: [N/A](#)

B 5 ADDITIONAL INFORMATION

Please supply any additional information which you would like us to take account of in considering this application.

Document Reference: [Installation is a new plant and complies with current guidance note.](#)

C 1 FEES AND CHARGES

The enclosed charging scheme leaflet gives details of how to calculate the application fee. Your application cannot be processed unless the application fee is correct and enclosed.

C 1.1 Please State the Amount Enclosed as an Application Fee for this Installation

£1470

Cheques should be payable to: **Coventry City Council**

We will confirm receipt of this fee when we write to you acknowledging your application.

C 1.2

Please give any company purchase order number or other reference you wish to be used in relation to this fee.

N/A

C 2 ANNUAL CHARGES

If we grant you a permit you will be required to pay an annual subsistence charge: failure to do so will result in revocation of your permit and you will not be able to operate your installation.

C 2.1

Please provide details of the address you wish invoices to be sent to and details of someone we may contact about fees and charges within your finance section.

Mr Roger Perry, Operations Manager (Concrete)
Tarmac Ltd (Midlands Area)
Bellmoor
Retford
Nottinghamshire

Postcode:

DN22 8SG

Telephone Number:

01777 703 891

C 3 COMMERCIAL CONFIDENTIALITY

C 3.1

Is there any information in the application that you wish to justify being kept from the public register on the grounds of commercial confidentiality?

No

Please provide full justification, considering the definition of commercial confidentiality within the PPC Regulations.

N/A

C 3.2

Is there any information in the application that you believe should be kept from the public register on the grounds of national security?

No

Do not write anything about this information on this form. Please provide full details on separate sheets, plus provide a copy of the application form to the Secretary of State for a Direction on the issue of National Security.

C 4 DATA PROTECTION

The information you give will be used by the Local Authority to process your application. It will be placed on the relevant public register and used to monitor compliance with the permit conditions. We may also use and/or disclose any of the information you give us in order to:

- Consult with the public, public bodies and other organisations.
- Carry out statistical analysis, research and development on environmental issues.
- Provide public register information to enquirers.
- Investigate possible breaches of environmental law and take any resulting action.
- Prevent breaches of environmental law.
- Assess customer service satisfaction and improve our service.

We may pass on the information to agents/representatives who we ask to do any of these things on our behalf.

It is an offence under Regulation 32 of the PPC Regulations, for the purpose of obtaining a permit (for yourself or anyone else) to:

- Make a false statement which you know to be false or misleading in a material particular.
- Recklessly make a statement which is false or misleading in a material particular.

If you make a false statement:

- We may prosecute you, and
- If you are convicted, you are liable to a fine or imprisonment (or both).

C 5 DECLARATION

C 5.1 Signature of Current Operator(s) *

I certify that the information in this application is correct. I apply for a permit in respect of the particulars described in this application (including supporting documentation) I have supplied.

Please note that each individual operator must sign the declaration themselves, even if an agent is acting on their behalf.

For the Application from: [Tarmac Ltd](#)

Installation Name: [Concrete batching plant](#)

Signature: _____

Name: [Mr Stuart Haines](#)

Position: [Area Director, Tarmac Aggregate Products \(Midlands\)](#)

Date: [08 / 05 / 2007](#)

Signature: _____

Name: _____

Position: _____

Date: _____

* *Where more than one person is defined as the operator, all should sign. Where a company or other body corporate - an authorised person should sign and provide evidence of authority from the board of the company or body corporate.*

APPENDIX 1

The application relates to the operation of a wet / dry mix concrete batching plant to be used on various sites as production requirements demand.

1 PROCESS DESCRIPTION

- 1.1 Raw materials will be delivered to site by tippers or tankers. Materials will include coarse gravel, limestone or recycled aggregates sized 40mm, 20mm and 10mm, limestone dust, quartz sands, Ordinary Portland Cement (OPC) and cement substitutes. The sands and aggregates will be delivered to site in covered tippers and will be discharged into the enclosed below-ground receiving hopper of 30 Tonne capacity.
- 1.2 The OPC and cement substitutes will be stored in three integral silos, each of 60 tonne capacity. The OPC and cement substitutes will be discharged from tankers to silos by pneumatic pressure.
- 1.3 The sand and aggregates will be transferred from the below-ground receiving hopper, by an enclosed radial conveyor, into one of five 80 tonne capacity enclosed storage bins, integral within the plant.
- 1.4 Sands and aggregates will be discharged from the base of the bins by gravity to a weigh hopper suspended on load cells below the bins.
- 1.5 Weighed aggregates will be transferred from the weigh hopper to an inclined conveyor which discharges into either the enclosed pan mixer or the dry leg chute and into the truckmixer.
- 1.6 From the bulk material silos cementitious material and cement substitutes will be transferred by enclosed screw conveyor to a sealed weigh hopper mounted on load cells and weighed material discharges by gravity to either the pan mixer or into the dry leg chute and into the truckmixer.
- 1.7 Liquid additives will be pumped through a weighing system and discharge into either the pan mixer or through the dry leg chute into the truckmixer.
- 1.8 Wet mixed product will discharge from the pan mixer to truckmixers located below the plant.
- 1.9 The plant will be controlled from a control cabin located at ground level as shown in the attached plan.
- 1.10 The trafficked area of the site will be constructed from hardstanding to facilitate vehicular movement within the site and assist site drainage.
- 1.11 On completion of production each day, and during the day as required, the mixer and mixer discharge chute will be washed into the adjacent wedge pit and the recovered water used in the mixing process.
- 1.12 Truckmixers will be washed out at the end of the day for cleaning purposes into a screw reclaimer to enable recovery of aggregates and recycled water.

2 PRESCRIBED SUBSTANCES

- 2.1 Particulates arising from the handling of aggregates, cementitious products and cement substitutes will be the only substances which have been prescribed for release into the atmosphere. The aggregates will be gravels, limestone and sand and any particulate arising will be composed essentially of silica. Particulate from the cementitious products will comprise OPC and cement substitutes.

3 TECHNIQUES TO PREVENT THE RELEASE INTO AIR OF PRESCRIBED SUBSTANCES AND REDUCING SUCH SUBSTANCES TO A MINIMUM

- 3.1** All deliveries of aggregates to site will be in sheeted vehicles. The aggregates will be tipped into the below-ground hopper. This hopper will be enclosed on three sides and roof to prevent wind whipping of material.
- 3.2** All cementitious products will be stored in silos. Transfer of bulk materials will be by means of enclosed screw conveyors. The silos will be fitted with a reverse-jet arrestment plant of 24.5 m² area to contain emissions.
- 3.3** Bulk material discharge will be controlled by the tanker drivers, who will ensure that no fugitive emissions occur due to over-pressurisation of the system. The silos will be fitted with a silo protection system which comprises of pressure relief valves, high-level probes, pressure switches, audible and visual alarms to avoid the possibility of overfilling or over-pressurisation. In the event of pressurisation or overfilling, the protection system will close the fill pipe valve to stop the delivery process.
- 3.4** The aggregate storage bins will be enclosed on three sides to minimise emissions to atmosphere during the filling of the bins.
- 3.5** The transfer of "dry-leg" product to the truckmixer will be via enclosed chute. An automatically controlled dust suppression spray ring will minimise the production of emissions to atmosphere during the loading of the truckmixer.
- 3.6** The transfer of product from the pan mixer to the truckmixer will be via enclosed chute. Discharge from the pan mixer will be wet, minimising the production of emissions to atmosphere.
- 3.7** The plant controls will enable the shutdown of the plant should a problem arise. After loading, all vehicles will be washed down with a high pressure hose at the plant loading point to ensure against contamination of the highway.
- 3.8** Any spillage of material around the vehicle loading point will be cleaned on a daily basis. Where possible any spillage of aggregate or sand will be cleaned up by wet methods to minimise wind whipping.

4 PROPOSED RELEASES OF PRESCRIBED SUBSTANCES

- 4.1** The proposed releases to air will comprise controlled emissions of cementitious products and cement substitutes and fugitive emissions of sand. The environmental consequence of such releases will be negligible.
- 4.2** Contained emissions will arise from the venting of displacement air during the charging of silos. However, the filter units installed on the silos will be designed to limit particulate emissions from contained sources. In addition, the silos will be fitted with automatic cut-off systems to stop delivery in the event of over-pressurisation or overfilling.
- 4.3** The plant will be designed to minimise fugitive emissions. However, during certain circumstances, such as prolonged periods of dry, windy weather, additional action may be necessary and techniques such as dampening down of the hardstanding may be employed to control emissions.

5 MONITORING OF PRESCRIBED SUBSTANCES

- 5.1** Daily visual inspections of the plant and process systems will be carried out and recorded in a log book which will be retained for a minimum of 2 years and be available for inspection by the relevant Local Authority. In addition, the start and finish times of cement deliveries will be recorded in the logbook. The logbook will also be used to record any plant malfunctions and the remedial action undertaken.
- 5.2** All bulk cementitious material discharges will be continuously visually monitored by the tanker drivers as per written Environmental Management System Procedures and discharge will be stopped immediately should an emission be visible or the high level alarms be activated.
- 5.3** If plant malfunction occurs which may lead to an effect on the local community, the Local Authority will be informed without delay.

6 MAINTENANCE AND TRAINING

- 6.1** The plant will have a maintenance manual.
- 6.2** Extraction plant has been designed to meet the process emission standards and maintenance procedures are designed to ensure that any such plant is operated at maximum efficiency. The reverse-jet arrestment plant will be checked on a monthly basis to ensure correct operation.
- 6.3** The high level alarms will be checked on a regular basis.
- 6.4** The pressure relief valves will be checked on a weekly basis or prior to each delivery, whichever is the longer period.
- 6.5** Plant spares will be readily available in the event of plant malfunction.
- 6.6** A high standard of housekeeping will be maintained, with the removal of any spillage on a regular basis.
- 6.7** All plant operatives will be trained to ensure that the conditions of the site authorisation will be met and that all necessary site procedures are being followed. Details of the training will be retained in the site Environmental Management System records and also on the database held at a central location by the Tarmac Training Department.
- 6.8** The site operations will be covered by a number of Operational Controls, which form part of the Tarmac Ltd Environmental Management System. The site will apply for accreditation to ISO 14001 and will be audited against the standard by internal independent auditors on an annual basis and by external approved auditors once every four years.

7 ENVIRONMENTAL IMPACT

- 7.1** The plant will be operated as indicated to minimise all emissions in accordance with the Process Guidance Note PG3/1 (2004) issued by the Secretary of State. Emissions to atmosphere will principally comprise fine particles and fugitive dust associated with the movement of aggregates and the loading vehicles. As such they will represent a minimal environmental threat but could, if inadequately controlled, present a nuisance.



Legend

 LPPC Application - Concrete Batching Plant

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www.tarmac.co.uk



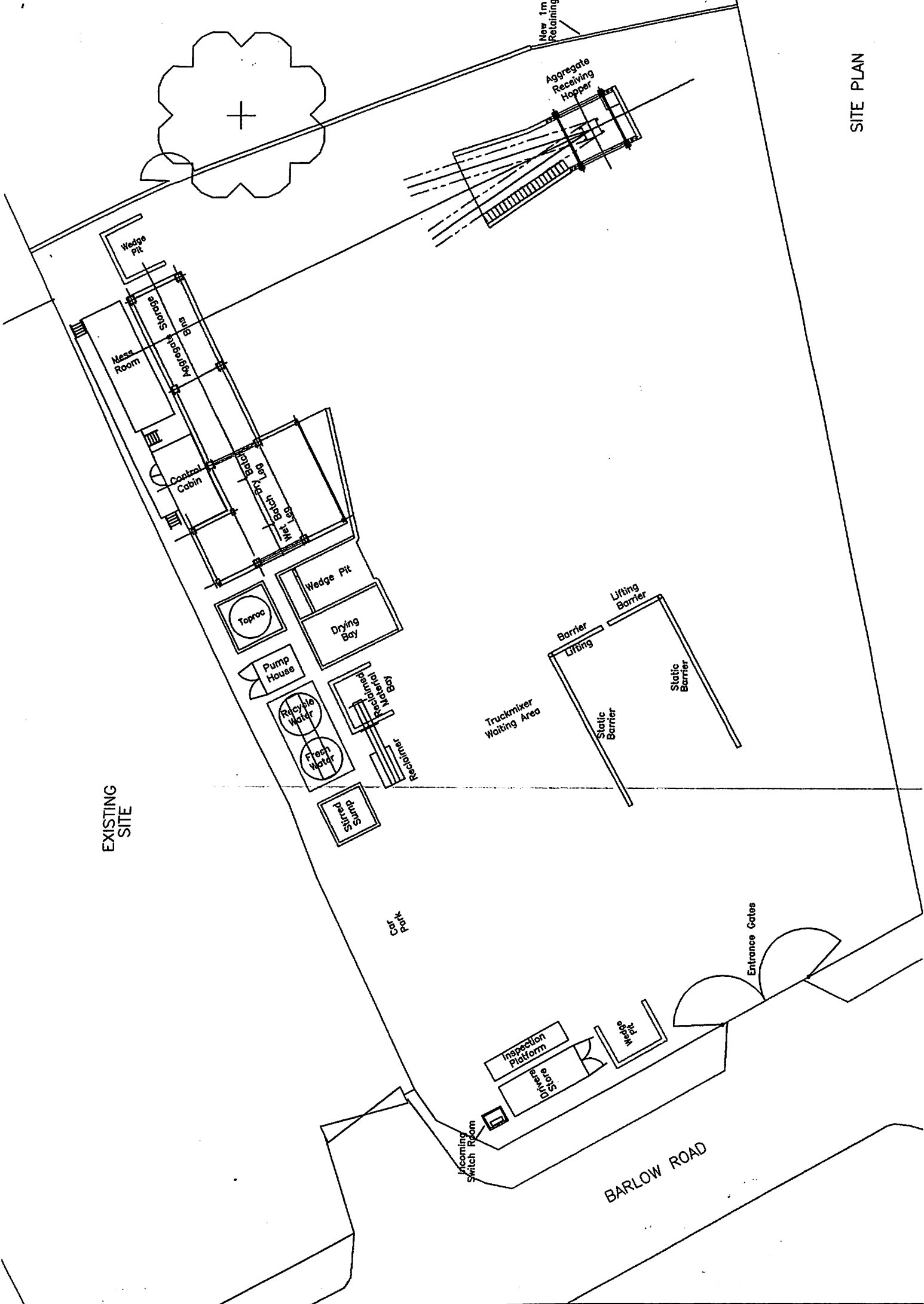
Barlow Road Coventry

LPPC Application - Concrete Batching Plant

Drawn By D.F / B.P.	Scale 1:1250 @A4
Date April 2007	Drawing No C90_02



SITE PLAN



EXISTING SITE

BARLOW ROAD

Entrance Gates

New 1m h Retaining

Aggregate Receiving Hopper

Truck/mixer Waiting Area

Barrier Lifting

Lifting Barrier

Static Barrier

Static Barrier

Car Fork

Incoming Switch Room

Inspection Platform

Store

Wedge Pit

Wedge Pit

Mess Room

Aggregate Storage

Control Cabin

Toproc

Wedge Pit

Drying Bay

Pump House

Recycle Water

Fresh Water

Sund

Recycling Bag

Recycling