

THIS AGREEMENT is made on the with day of MOICh 2004.5

BETWEEN

(I) THE WEST MIDLANDS PASSENGER TRANSPORT EXECUTIVE ("Centro");

and

THE METROPOLITAN BOROUGH COUNCIL OF SANDWELL ("the Council"). (2)

WHEREAS

- Centro has submitted an application for an Order under the Transport and Works Act 1992 to authorise an extension to Line 1 of the Midland Metro between Wednesbury and Brierley Hill:
- 2. The Council has agreed to support the application as a project partner and accepts that the Order will authorise the compulsory acquisition and use of land in its ownership required for the purpose of that extension:
- 3. Following on from the signing of a Heads of Terms on 11th April 2003 Centro and the Council are entering into this agreement relating to the promotion of the Order and the funding, construction, operation and maintenance of that extension:
- Centro and the Council understand that the provisions of this agreement, save those contained within clauses 2, 11 and 12, are conditional upon the TWA Order being authorised by the Secretary of State

NOW IT IS AGREED as follows -

PART I - PRELIMINARY

Definitions

1.1

means the 22nd December 2005 or such later date as "Agreed Date"

> Centro may notify in writing to the Council, not being later than the date on which a PIN notice is published in

the Official Journal of the European Community

"Award Date" means the date on which Centro appoints the

Contractor:

"Centro" means West Midlands Passenger Transport

Executive of 16 Summer Lane Birmingham BI9

3SD;

means the party from whom Centro procures the "the Concessionaire"

design and construction of the Extension;

"Complementary Measures" means those highway, traffic management and

other works which **the Parties** agree are required in addition to the **Extension Works** to ensure that the **Extension** is fully integrated into the urban fabric as more fully set out in Appendix A;

"The Council" means the Metropolitan Borough Council of

Sandwell of Sandwell House, Oldbury, B69 3DE;

"The Council's Land" means those lands within the ownership of the Council

specifically identified in Appendix D

"Extension" means the proposed extension of Line 1 of the

Midland Metro from Wednesbury to a new terminus at Brierley Hill comprising the

Extension Works;

"Extension Works" means the works to construct the Extension for

which powers are included in the **TWA Order**;

"Parties" means Centro and the Council either severally

or together;

"Public Operations" means the opening of the Extension to fare-

paying passenger traffic;

"The Secretary of State" means the Secretary of State for Transport or other

government minister who from time to time is tasked with considering Transport & Works Act Order

Applications

"TWA Application" means the application for the TWA Order made

on 16th April 2003;

"TWA Order" means an Order under the Transport and Works

Act 1992 to authorise the **Extension** for which application was made on 16th April 2003 including any modifications to that Order made

by the Secretary of State;

"TWA Inquiry" means any public inquiry as may be required by

the Secretary of State in connection with the

TWA Application.

1.2 Any reference to a programmed date is to the date on which **Centro** intends the thing in question to take place, as notified to **the Council** from time to time either specifically in relation to an individual date or as shown on a programme or timetable for the procurement and construction of the **Extension**.

1.3 In this Agreement any reference to a clause refers to a clause of this Agreement and any reference to any article refers to an article of the **TWA**Order

PART II- THE ORDER

2. The TWA Application

- 2.1 **The Council** will use its best endeavours to make resources available to provide such support and assistance to **Centro** in the promotion of the **TWA Application** as may be reasonably required by **Centro**. Such support and assistance may include, but is not limited to:
 - (a) giving evidence to any **TWA Inquiry** (as part of the applicant's team rather than as a separately represented party) in support of the **Extension**:
 - (b) providing meeting rooms or other facilities for consultation purposes;
 - (c) providing staff to assist in staffing of exhibitions or other events to publicise the scheme;
 - (d) assisting in negotiating and entering into agreements with objectors to the **TWA Application**; and
 - (e) ensuring any formal decisions of **the Council** or its committees are agreed in a timely manner.
- 2.2 **The Council** may recover from **Centro** all its reasonable costs of such support and assistance which will be paid to **the Council** in a timely manner...
- 2.3 **Centro** shall not agree any amendment to the documents submitted with the **TWA Application** which is relevant to the subject matter of this Agreement without the consent of **the Council** (which consent shall not be unreasonably withheld).
- For the purpose of clause 2.3 **the Council** shall be deemed to have consented to a proposal to amend the **TWA Application** if it has not responded in writing within 10 working days of receipt of notice of a proposed amendment indicating that it does not consent.

PART III - LAND

3. Use of Council's Land

- 3.1 Centro shall exercise the powers of the TWA Order over the Council's Land, specified as 2.1 in Appendix D in accordance with those conditions specified in Appendix E.
- 3.2 **Centro** agree to indemnify **the Council** against all third party claims arising out of the use by **Centro** of any land in the ownership of **the Council**, including but not limited to death or personal injury, loss or damage to property and any damages, losses, actions, claims, demands, proceedings, costs charges and expenses except where such death or personal injury, loss or damage to property and any damages, losses, actions, claims, demands, proceedings, costs charges and expenses are due to any negligence on the

part of **the Council**, its officers or any other person acting upon **the Council's** behalf (excluding the use and occupation of any Highway Maintainable at public expense)

PART IV - THE WORKS

4. Construction of the Extension Works

- 4.1 In designing and constructing so much of the **Extension Works** as are highway or traffic management works **Centro** shall comply with **the Council** standards and specifications noted in Appendix B.
- 4.2 The Council shall be the Technical Approving Authority for all structures that carry the highway and the provision of BD2/02 Technical Approval for Highway Structures shall apply.
- 4.3 All structures shall be constructed in accordance with the approved design.
- 4.4 The **Extension Works** shall make provision in the design of the Metro alignment and tracks for a future stop at Gold's Hill.
- 4.5 The construction and maintenance of the Golds Hill stop by **Centro** shall be conditional on **the Council** providing funding in accordance with clause 10.3 and demonstrating a business case for the stop to **Centro's** reasonable satisfaction.
- 4.6 The Council shall ensure that any agreements entered into with potential developers of adjacent sites contain appropriate provisions requiring the developers to grant Centro suitable rights of vehicular access for the purposes of constructing and thereafter maintaining the Gold's Hill stop.
- 4.7 Subject to the conditions in clause 4.8 being satisfied **Centro** shall, in conjunction with the construction of the **Extension Works**, construct an underbridge to accommodate a highway crossing in the vicinity of the Gold's Hill stop in a position to be agreed between **Centro** and **the Council**
- 4.8 The conditions referred to in clause 4.7 are that the Council -
 - (a) notifies Centro by the Agreed Date that construction of the underbridge is required subject to Centro providing the Council with reasonable written notice of the Agreed Date.
 - (b) obtains any necessary authorisations or consents (including such consent as is required with Network Rail for the construction and maintenance of the underbridge), and provides the necessary funding, not less than 90 days before the **Award Date**

- 4.9 For the avoidance of doubt **Centro** shall not be responsible for the maintenance of the highway referred to in clause 4.7 or for the cost of maintaining the structure of the underbridge referred to in that clause.
- 4.10 Centro shall, pending the construction of a bridge to replace the existing level crossing at Eagle Lane/Bagnall Street, provide a safe crossing of the Extension Works and, subject to the approval of the Health and Safety Executive, Network Rail and the Secretary of State, Centro shall secure that
 - (a) the crossing is not obstructed; and
 - (b) appropriate signs and chicanes are provided in order to slow down cyclists and to allow them to cross the alignment at right angles to the track.
- 4.11 Centro shall prepare a comprehensive Street Design Guide for use by the Concessionaire in designing, constructing and operating the Extension. The Street Design Guide shall be approved by the Council prior to it being issued as part of any contract documentation (such approval not to be unreasonably withheld) providing always it is agreed that Centro will submit the Street Design Guide for the Council's approval no less than 40 working days before the issue of such contract documentation. The Street Design Guide shall incorporate guidance on the design of walls, railings and pedestrian deterrent arrangements. This guide shall be used as the basis for the designs to be submitted to the Council in its role as Local Highway and Planning Authority.

5. Code of Construction Practice

- 5.1 The Council, acting in its role as the Local Highway and Planning Authority, shall use reasonable endeavours to agree Part 1 of the Code of Construction Practice ("the Code") in a form consistent with that agreed with Dudley Metropolitan Borough Council. For the avoidance of doubt Part I of the Code shall be based on the draft set out in Appendix C and shall be settled by the Agreed Date. Part II of the Code shall be settled before commencement of construction of the Extension.
- 5.2 **Centro** shall procure that any **Concessionaire** appointed to carry out the **Extension Works** (including any contractor and/or subcontractor appointed by **the Concessionaire**) complies with **the Code**.

6. Bridge Reconstructions

- 6.1 **Centro** shall consult and agree with **the Council**, **the Parties** acting reasonably, the phasing of works to reconstruct road bridges and footbridges which form part of the **Extension Works**.
- 6.2 **The Council** shall continue to own and/or, subject to article 16(2), maintain at its own cost those reconstructed bridges or parts of bridges, including the roadway and footways, that it currently owns and/or maintains.

7. Complementary Measures

7.1 Subject to clause 7.4 **The Council** shall, subject to obtaining the necessary consents or authorisations, execute the **Complementary Measures** set out in

Appendix A before the commencement of **Public Operations**, unless specifically released, in writing, from such an obligation by **Centro**

- 7.1.1 In the event that the Council request a release from the obligation set down in clause 7.1 Centro will act reasonably in considering such release.
- 7.2 **The Council** shall be responsible for obtaining all relevant consents or authorisations for the carrying out of the **Complementary Measures**.
- 7.3 Where any Complementary Measures erected under Part 1 of Appendix A are located on any land under the jurisdiction of the Council, the Council shall adopt such Complementary Measures upon their completion.
- 7.4 The Complementary Measures set down in clause 1(b), 3 (b) and 4(c) of Part 2 of Appendix A shall be carried out within a reasonable time following the commencement of Public Operations unless Centro and the Council agree that they are unnecessary

8. Developments

- 8.1 In exercising its functions as Local Planning Authority in relation to development on the route of the **Extension**, **the Council** shall, so far as it is properly able to do so, have regard to ensuring that such development does not jeopardise the implementation of the **Extension** and, so far is reasonably practicable, is consistent and complementary to the **Extension**.
- 8.2 The measures referred to in clause 8.1 include consulting **Centro** on any such development and taking account of any representations made by **Centro** in response.

9. Traffic Management and Highway Measures

- 9.1 **The Council** shall, subject to its statutory obligations, assist **Centro** in providing such traffic management measures, both temporary and permanent, as may be required for the construction of **the Extension**. Such assistance shall be agreed in advance with **the Council** and shall include but not be limited to, the provision of notices, publicity and staffing in relation to such measures.
- 9.2 **Centro** shall obtain written approval of the engineering design of highway works included in the **TWA Order** from **the Council** acting as Highway and Traffic Authority to the extent that **the Council**'s approval is not required pursuant to the Planning Direction. The approval of **the Council** shall not be unreasonably withheld and shall be provided in accordance with the timescale set out below (subject to **Centro** providing relevant information to an agreed framework and timescale]. The timescale for approval by **the Council** of such designs shall be that **the Council** shall use its reasonable endeavours to ensure that any agreement or approval which is required will be given within 20 Working Days.
- 9.3 Approval of the engineering design of highway works referred to in clause 9.2 shall be deemed to have been given after the expiry of 40 working days unless **Centro** receive written refusal (including reasons for such refusal) from **the Council** acting reasonably

- 9.4 In the event that **the Council** issue a refusal as set out in clause 9.3 **the Council** shall use reasonable endeavours to agree or approve any revised design within 15 working days. Approval of the revised design shall be deemed to have been given after the expiry of 20 working days unless **Centro** receive further written refusal (including reasons for such refusal) from **the Council** acting reasonably.
- 9.5 In the event of further refusal a meeting shall be convened as soon as reasonably practicable for the purpose of attempting to reach agreement upon the design of the Highway works.
 - 9.5.1 The meeting referred to above must include the Designing Engineer and the Approving Engineer in addition to relevant senior officers from the Council and Centro who may be nominated to attend by their respective bodies.
 - 9.5.2 In the event that the meeting referred to in this clause fails to secure agreement the matter shall immediately be referred to arbitration under the terms of the **TWA Order**
- 9.6 Highway works referred to in clause 9.2 shall be constructed in accordance with the approved engineering design or if not approved by that decided upon by virtue of clause 9.5.

PART V-FUNDING

10. Funding

- 10.1 **Centro** shall be responsible for funding the cost of the **Extension Works**, save where otherwise stated in this Agreement, and for the cost of the **Complementary Measures** as set out in Part 1, Appendix A.
- 10.2 **The Council** shall be responsible for the cost of the **Complementary Measures** set out in Part 2 of Appendix A.
- 10.3 **The Council** shall be responsible for funding the construction cost of the Gold's Hill stop.
- 10.4 By way of a contribution towards the Extension The Council shall pay to Centro a sum equivalent to the value of the compensation payable to the Council in respect of the acquisition or use of the Council's land under the powers of the TWA Order at the same time as Centro pays such compensation, to be agreed, pursuant to the TWA Order.
 - 10.4.1 For the avoidance of doubt, occupation and use of the land in the ownership of the Council will not take place by Centro until a General Vesting Declaration has been executed or Notices of Entry have been served pursuant to the TWA Order
 - 10.4.2 For the avoidance of doubt the compensation sum and **the Council's** contribution referred to in clause 10.4 shall be deemed to have been paid by **Centro** and **the Council** respectively on the date of the

General Vesting Declaration or the date the Notice of Entry is served by Centro upon the Council

- 10.5 **Centro** shall reimburse **the Council's** reasonable costs in approving, as the Highway Authority, the design of highway and traffic management works pursuant to clause 9.2 and in providing assistance pursuant to clause 9.1.
- 10.6 If further funding is required for the construction of the Extension, the Council agrees to consider, together with Centro and other project partners, means to secure this.

PART VI- MISCELLANEOUS

11. Representatives and Publicity

- 11.1 The **Parties** shall nominate a representative to liaise with each other in relation to the rights and obligations of the **Parties** under this Agreement.
- 11.2 The representatives nominated under clause 11.1 shall, in addition, liaise to establish a common policy in relation to dealings with the media, which shall, inter alia, require consultation between them before issuing information regarding the Extension.

12. Disclosure

12.1 Centro may disclose this Agreement to any TWA Inquiry.

13. Transfer of Rights and Obligations

- 13.1 Subject to clause 13.2 **Centro** may transfer to any person to whom powers of the **TWA Order** are transferred under section 54 of the Midland Metro Act 1989 as applied by article 5(1) ("the transferee") such of its rights or obligations under this Agreement as are relevant to those powers.
- 13.2 On or prior to such transfer Centro shall procure from the transferee a direct covenant in favour of the Council to observe and perform such of the obligations of Centro under this Agreement as have been transferred, and thereupon Centro shall be released from any obligations to observe and perform those obligations.

14. Cost and Expenses

14.1 Except as otherwise specifically provided in this Agreement the Parties shall bear their own costs and expenses arising out of entering into and performing their obligations under this Agreement, including costs in obtaining any permissions and consents required for the performance of their obligations under this Agreement

15. Rights of Third Parties

15.1 Only Centro and the Council may enforce the terms of this Agreement and no third party may enforce any such term by virtue of the Contracts (Rights of Third Parties) Act 1999.

16. Notices

- 16.1 Any notice served or given or plans, drawings or documents supplied under or in relation to this Agreement shall (in the case of a notice) be in writing, and sent by courier service or registered post, and shall refer to the relevant provision of this Agreement, and shall in all cases be deemed to be sufficiently given, served or supplied if addressed or supplied to **Centro** or **the Council**, at the addresses stated in clause 1.1 or to such address as **Centro** or the **Council** may from time to time designate by written notice to the other.
- 16.2 Any notice, plan, drawing or document given, served or supplied in accordance with clause 16.1 shall be deemed, in the absence of evidence of earlier receipt, to have been given, served or supplied two days after posting or despatch, exclusive of the day of posting.

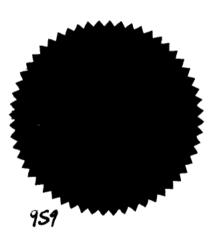
17. Disputes

17.1 Any difference which may arise between **Centro** and **the Council** under this Agreement shall be settled by arbitration in the manner provided by article 57.

THE COMMON SEAL OF WEST MIDLANDS PASSENGER TRANSPORT EXECUTIVE was hereunto affixed in the presence of:

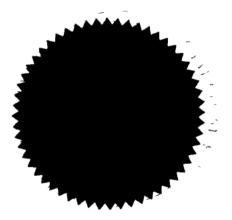


THE COMMON SEAL OF METROPOLITAN BOROUGH COUNCIL OF SANDWELL was hereunto affixed in the presence of:





HEAD OF LEGAL
AND DEMOCRATIC SERVICES



45996

APPENDIX A COMPLEMENTARY MEASURES

PART 1: COMPLEMENTARY MEASURES TO BE FUNDED BY CENTRO

Signage to and at the following stop locations shall be erected by **the Council** at locations to be agreed with **Centro**. **Centro** shall be responsible for the cost of funding such works;

Gold's Hill (provisional); Great Bridge; Horseley Heath; Dudley Port; Sedgley Road East; Birmingham New Road.

PART 2: COMPLEMENTARY MEASURES TO BE EXECUTED AND FUNDED BY THE COUNCIL

4		
7		T BRIDGE
1 -		LONDOL

- a) Relocated pelican crossings on New Road
- b) Preventative measures to prohibit parking by non-residents.

HORSELEY HEATH

- a) Pedestrian crossing and guard rail and improved lighting immediately outside the stop access points on Horseley Road.
- b) New traffic signals at junction of Horseley Heath and Horseley Road.

DUDLEY PORT

- a) Pedestrian guard rail at access points on Park Lane East
- b) Highway works relating to existing traffic calming measures.

4. SEDGLEY ROAD EAST

- a) Pedestrian guard rail along Sedgley Road East beneath the bridge and partly into Mayfair Gardens
- b) Pedestrian crossings Mayfair Gardens/Sedgley Road East.
- c) Enhancements to Binfield Street (Details to be agreed between **the Council** and **Centro**)

5. BIRMINGHAM NEW ROAD

- a) Pelican crossing Birmingham New Road, subject to de-trunking having taken place. (Jointly with Dudley MBC)
- b) Pedestrian guard rail Birmingham New Road in front of stop access.

6. RELOCATION OF BUS STOPS

- a) Ground preparation works (allowing Centro to relocate bus stop furniture) including but not limited to ducting, and road markings at:
 - i. New Road
 - ii. Sedgley Road East

APPENDIX B STANDARD AND SPECIFICATION OF HIGHWAY WORKS BY CENTRO

The principal standards and specifications to be used in the design and construction of highway, traffic management and associated works are as follows.

In all cases the latest edition of the relevant document at the time of design shall be that which is applicable.

Manual of Contract Documents for Highway Works published by the Highways Agency.

APPENDIX C CODE OF CONSTRUCTION PRACTICE

Midland Metro:
Birmingham City Centre Extension
&
Wednesbury to Bridex Fill
Extension



CODE OF CONSTRUCTION PRACTICE

MIDLAND METRO

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 - S Contaminated ials (Special Precautions)
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Appendices

Appendix A:

Abbreviations

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Schedule of Public Authorities & Statutory

Undertakers

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or Historic Interest

Appendix D:

Relevant British Southerds and Spessions



Preface

1.1 General

Centro is currently planning extensions to the Midland Metro from Wednesbury to Brierley Hill and through the centre of Birmingham from St Chad's via Snow Hill Station to Five Ways and Lagley Road in Edgbaston (the Extensions). This will involve the use of a working sites in the City of Birmingham and the Metropolitan of Sandwell and Dudley.

In developing the outline design and the Environmental Statement, a series of construction on the environment has be ified and set out in this Code of Construction Practice ("CoCP") with the CoCP will be a mandatory requirement of the agreement Centro and the Concessionaire selected to design, construct and operations. The Concessionaire will in turn be to pass these ligations onto his contractor and sub-contractor.

Several Local Authorities or e "Co ractors" schemes àъ lems which aim to minimise enviro construction work in tal their areas by use of incentiaward b the best performing me contractors. Contractor be requi Joir ch schemes where their works lie within areas d ed by the

oncessionaire's general obligation in so far as The CoCP address amenity and safety of local residents, they affect the env businesees the general d the surroundings in the vicinity of the sites. It does not attempt to address d associa those working on or visiting the site esponsibil These are regulated through statutory controls. struction withstanding any ence to such controls in this document, the oncessionaire shall a mes comply with relevant legislation.

CP is issued in parts. Part 1 deals with general requirements the parts obligated to comply with and Part 2 deals with site specific and part 2.

1.2 Purpose

The purpose of the CoCP is to define minimum standards of construction practice acceptable to Centro and the local authorities, and required of the Concessionaire. Development of the CoCP will be progressed through discussions with the Local Authorities and other statutory bodies. The

Code applies equally to works within the public highway, off the highway and site compounds unless the context dictates otherwise

1.3 Definitions

[This Code will be attached as a schedule to the Concession Agreements and many of the terms used will be define in the main Concession Contract text. Pending preparation of the Concession General text. Pending preparation of the Concession General text.

In this Code the following terms shall the following terms.

Centro The West Passenge Passenge Or

Executive

Concessionaire The body awarded tract to design,

construct and operate the

CoCP This form a general section Part 1

and series constrained if it sections Part 2

Concession Contract The entract between Centro and the

Con Ession 2.

Construction d activities including but

not restricted the preparation, demolition, paterials delivery, spoil and waste materials

oval and disposal associated with the

Ironmental Management System (EMS)

Extensions

n organisational structure, responsibilities, ractices, procedures, processes and resources for developing, implementing, achieving and reviewing the environmental policy.

policy.

Extensions to the existing Midland Metro Line 1 from Wednesbury to Brierley Hill and through the centre of Birmingham from Snow Hill Station to Edgbaston beyond Five Ways

roundabout.

Highway Authority

As defined in the Highways Act 1980

Limits of Deviation

The extent of the area included within the Order over which powers to construct the Works are granted by the Order.

Limits of Land to be Acquired or Used

The extent of the outlined within the Order over the position of the outlined within the land are good d by the

Local Authority

The local authors within whose jurisdiction the particular Sittle Control activity is situated

Order

An Order to made by the cutary of State under the made by the Works Act 1992 to constant an experience of the Midland Metro.

Order Plans

Plantand sections to be y deposited as part of the Order to aking the cess.

Planning Direction

direction could puseer Section 90 (2A) of the Town and County Hanning Act 1990

Section 61 Application application for a Section 61 Consent

Section

the Control of Pollution Act 1974 Section 61

Regulations

Land within the Limits of Land to be Acquired r Used occupied by the Concessionaire for the purposes of executing the Works

Works

The Traffic Signs Regulations and General Directions 1994 or as subsequently amended

The works of Construction authorised by the Order.

1.4 Control of Pollution Act

The Concessionaire shall, obtain the agreement of the Local Authority in accordance with the provisions of Section 61 of the Control of Pollution Act 1974.

1.5 Applicable Standards, Codes and Acts of Parliament

There are many Standards, Codes of Pract and Acts of Parliament which cover environmental and related matter are applicable these is given in to the matters set out in the CoCP. Adist of Appendix D. which should not omprehensive. CoC Notwithstanding any references within ment the Concessionaire is responsible for en th and In and comply with any legislative re standards of practice applicable at the time of constru ivities. Compliance with this CoCP will not absolve the Conce stractors or its subcontractors from compliance with all legislation a relating to their construction activities.

Where attained, the Concession with their Environmental Many tent tent blich may comprise an Eco-Management and Audit chemo (E. Many dor ISO 14001 accreditation to maintain state tands in management tools and systems

1.6 Information

The Concessionair provide a telephone helpline service at all times when construction is a sarried out. The Concessionaire shall, in consultation with Centro and consultation with Centro and arrangements are put in place to a sarried out. The Concessionaire shall, in consultation with Centro arrangements are put in place to a sarried out. The Concessionaire shall, in consultation with Centro arrangements are put in place to a sarried out. The Concessionaire shall, in consultation with Centro arrangements are put in place to a sarried out.

is information should eadily available at all working sites.

2.0 Footways and leways

2.1 Permanent Termany Closures and Diversions

In order to constant the extension, it will be necessary to close or divert sections of highway, footways, cycleways and other rights of way either on a temporary or permanent basis during the construction period.

Details of the locations of the proposed permanent closures and diversions are shown on the Order Plans. It is the Concessionaire's responsibility to finalise the arrangements for these closures and

diversions with the Local Authorities in accordance with the requirements of the Order.

The Concessionaire shall ensure, where these are required, that alternative arrangements are put in place where construction works interfere with or affect the normal operation of a street and/or footway and/or cycleway. Such arrangements shall the to the satisfaction of the Local Authority and include reasonable measurements is disruption in the street.

The Concessionaire shall keep open public to concession public to concess

ag public or private Wherever the Extension Works interfer roads or other ways over which there is a sublicright of way for struct on ways except other ways permanently any traffic, the Concessionaire shall construct of where the Order provides for those e standard of construction stopped up without provision of and lighting shall be suitable, the class or classes of reside traffic using the existing ways, the w rsions shall not be Ś less than that of the existing the Local Authority unle agree essionaire shall agree and/or owner of the private he Cd diversions and closures the Loca bori th a view to minimising disruption during const

Diversion ways show a structed in advance of any interference with the existing ways and maintained to provide adequately for the traffic flows

shall be possible for supplying, erecting, aining for possible periods and subsequent dismantling all utory and public pation notices. The nature and location of such tices shall comply the list statutory requirements and the reasonable pirements of the relevant Local Authority.

An experience of the second section of the respective properties of the re

2.2 Pedestrian and Care Routes

All temporary and diverted footways which replace footways that are currently accessible to wheelchairs and pushchairs shall continue to be useable by such users. All temporary and diverted footways should provide direct links wherever possible and avoid long detours.

Any temporary footways and cycleways shall have uniform surfaces; there should be no steps and any gradients should be preferably 1 in 20 or shallower and no greater than 1 in 12.

Pavement ramps should be provided at appropriate junctions of footways with carriageway crossings. Gradients must be exceed 1 in 12 and the base of the ramp must be nominally flush with a second way, consistent with drainage requirements.

All temporary footways and ramps need be sure to be material and kept free of mud and debris.

The existing footway width along the s shall be memained wherever reasonably practical, except seeds 2 metres and where the Concessionaire may, with the al of the Local prie Authority, reduce it to not less than_2m. The To idth may be uction works reduced to below 2m only where o execute must never be less than 1 and where agreed with the Local metre wide

Clear signage in accordance that the affic School Regulations shall be provided at all times for all-diversed personal rian acceptance cycle routes.

All openings or obstructions on the protected with control is rail (lit at a p

m. A hone parameter of 0.6m shall be provided from the kerb, to a height of the etres, where practicable, to avoid fouling by shicles. The mining peadroom beneath any projection over the way shall be 5.1m.

An arrival and routes and ed onto the carriageway shall be clearly defined and participation and parti

The above requirement of the relevant Highway Authority

2.3 Maintenance and Repair of the Highway

The Concessionaire shall take every precaution to prevent its operations, whether by carting or otherwise, from damaging the roads and footways in

the vicinity of the construction works. The Concessionaire shall carry out all maintenance works as are necessary to maintain and light the roads and footways included in the Works in a serviceable condition to the approval of the Local Authority.

2.4 Lorry Movements

The Concessionaire, its sub-contractors and subject to ling large and/or heavy loads, construction plant, materials at a not including vehicles used for carrying such when running to by subject the use of public highways as far as is reasonable acticated with a large and/or heavy loads, construction sites.

Access routes for HGVs shall be agreed with the Local Authority in advance.

Vehicles arriving or leaving the Site shall do so design arriving hours as specified in Section 4 of the Co. 2 unless agree with the Local Authority.

The Concessionaire shall take reas es to ensure that ays place entering the Site. In delivery vehicles do not park d hig addition, the Concessionaire sh reasonable measures to ensure n tak that vehicles used by tractors'i b-contractors' staff for E OF travelling to and from the rks are no the highways.

The Concessionair protecting into any sub-contract for the execution of any part of the Wasser for the supply or transport of heavy loads, construction plant, material spoil in relation to the Works shall income such such such act provisions requiring the sub-contract provisions requiring the sub-contract provisions requiring the sub-contract provisions.

2.5 and Debris on No.

Concessionaire should be strict measures to minimise the spillage of debris on road sing from excavation works through:-

- a) sily cleaned hard standing for vehicles entering, panels age the site;
- b) the provision of wheel washing facilities including, where practicable, mechanical wheel spinners;
- c) the use of mechanical road sweepers, surface flushing apparatus, gully cleaners and other such equipment to clean the hard standing and to remove any mud or debris deposited by site vehicles on

roads, footpaths, gullies or drains in the vicinity of the site. The road sweepers and other equipment are to be readily available at all times throughout the construction works;

- the complete sheeting of the sides and tops of all vehicles carrying spoil or debris;
- e) ensuring that vehicles are loaded in suggestion as to prevent spoil falling off during transit; and
- f) compliance with the requirement garding as a lin Section 6 of this CoCP.

2.6 Traffic Safety and Control and Site Acces

All site accesses to and from the highway shall be difficient width to accommodate two-way traffic wherever reasonably

The Concessionaire shall provide gaintain such traffic signs, road markings, lamps, barrier affic anals and such other measures as may be ned ated ruction works in accordance with the requirem of th ocal A y. Compliance with re C this clause shall not relieve ession e of any of its other nder pro e Highways Acts and obligations and liabiliti Chapter 8 of the Traffid s Manual.

The Concessionair post of commence any work that affects the public highway until all traffic pressures necessitated by the work are fully operational

The property of the markings, and so be in accepted with the requirements of the Traffic Signs gulations. They conclude appropriate advance warning and give ay signage as appropriate for works traffic.

traffic signs and stallso comply with the requirements of A (2) of traffic Signs Regulations, or any subsequent amend such that own the size, colour and type of the prescribed signals.

The Concession shall keep clean and legible at all times signs, road markings, new signage, lamps barriers and traffic controls and shall position, reposition, cover or remove them as required by the progress of the works and to the approval of the Local Authority.

2.7 Access Across Site and to Frontages

The Concessionaire shall in carrying out the works take all reasonable precautions to prevent or reduce any disturbance or inconvenience to the owners, tenants or occupiers of adjacent properties, and to the general public. Access to and from such premises shall be maintained at all times, except as may be essential for the carrying out of the authorised works.

The Concessionaire shall provide and maintage and rails, fences, gates, lights, bridges, steps, handrails, etc., nearly alternative access and they shall be of such size, streamly and streamly and streamly and adequate for their purpose.

The Concessionaire shall render every sonable assistance to occupiers of premises affected by the course or sold shall liaise with them to establish their particular requirements in this

3.0 Protection of the Water Enviro

3.1 Waste Water and Groundwate

Provision for construction site values along the route of the Extension will be achieved via the development at a simplementation of an appropriate site drainal man and when the surface water run-off the stained and many appropriately.

Prevention of washout a proporary construction laydown and storage areas into local watercob. The prevented. The Concessionaire will take the Environment of the Envi

charges shall only be permitted where effluent water and ion is acceptable to the Environment Agency or lity and discharg ropriate. Effluent will pass through treatment cal water company nt traps and/or settlement lagoons, as <u>iti</u>es such as s iate, before be discharged. The Concessionaire will ensure tment facil are regularly inspected and maintained and that spection, maintenance and measures to sustain a full kep equipmen

Prior to any expation below the water table, including any site dewatering, the Concessionaire shall inform the Environment Agency and the local water company of the works to be constructed. Details of the works, de-watering and disposal measures shall be agreed with the Environment Agency in accordance with the provisions within the Order

The Concessionaire shall also comply with BS 6031: 1981 Code of Practice for Earthworks, regarding the general control of site drainage.

Prior to being discharged into any watercourse, surface water sewer or soakaway system, all surface water drainage from impermeable temporary parking areas, roadways and hardstandings for vehicles shall be passed through an oil interceptor designed and constructed to have a capacity and other details compatible with the state of the compound being drained. Roof water shall not pass through the capacity are the capacity and other details compatible with the capacity and the capacity

In order to prevent the pollution of such and the control of the storage, handling and use of silt and the Control of the cont

- a) The washout from mortar and congress to lant, or the cleaning of ready mixed concrete lorries must not be a lant, or the cleaning drain or watercourse.
- b) Site roads must be regularly and the state of the prevent silt, oil or other materials from entering are sain or severe.
- hould be securely C) Wheel washes and plant facil constructed with no everfi efflue should be contained for √ and disposal ce with the guidelines proper treatment outlined in Pollu Prevention s 13 The use of high pressure water eam cleaners

Where contaminated the lentified within the Limits of Deviation, a full management plan will be used by the Concessionaire to comply with all legislation (including de-watering discontinuous etailed site investigations at all sites earthwork are gare planned will be carried out prior to works amencing, in order appropriate mitigation can be implemented.

Concessionaire seemsure that any water that has come into with contamination haterials is disposed of in accordance with the and Water Industry Act 1991 (if disposed of to a public lateral and Water Industry Act 1991 (if disposed of to a public lateral action of the Environment Agency, Severn Trent or water utility company or the Local Authority (as appropriate).

The Concessionaire shall apply for consents and approvals :-

 from the Environment Agency for any discharge into a watercourse, river or soakaway; b) from Severn Trent, South Staffs Water Company or the Local Authority as appropriate for any discharge into a sewer, any trade effluent consent.

A discharge consent system shall be applied to all discharges.

The Concessionaire shall make provisions to ensure that oil drums and containers or other potential contaminants the Site are controlled in accordance with the Control es Hazardous to (Oil Storage) Health Regulations 1999 and the ol of and s Regulations 2001 and are properly is other contaminants are allowed to urses. wa aquifers. Storage locations for such ould be pos from watercourses.

In the event of a pollution incident involving survivor groundwater, the Concessionaire shall inform the Environment for the Local Authority as appropriate immediate to take prompt to minimise the effect. The Concessionaire of an agree an Incident Management Plan in constant on Local Authority and Environment Agency.

3.2 Protection of Aquifers

ave due The Concessionaire v underlying aquifers and adhere to the Envirance t Agency's Gawater Protection Policy and Groundwater Regulation 299. In all instances, appropriate protection of aguifers will be under lowing liaison with the Environment Agency techniques to be employed. Details of regarding piling and conroundwater contamination(including res to b Environment Agency, in accordance reed with of the Order, prior to commencement of the the require struction works.

3 Foul Drainage

and seware fluent produced by the construction workforce will be a seed by corary foul drainage to be installed. All foul water will be a several several approval from the relevant sewerage undertaker is obtained per the later Industries Act 1991.

4 Noise and Hours of Working

4.1 Hours of Working

The normal hours of working and permissible levels of noise may vary from site to site depending upon the nature of the area through which the Works are being constructed. These will be as stated in the relevant site specific sections in Part 2 of this CoCP, and will be agreed by the Concessionaire with the relevant Local Authority.

Except where otherwise stated in Part 2 of his CoOP, normal working hours shall be as follows:

Monday – Friday 0700 – 1900 Saturdays 0700 – 130

Work outside of these hours must be the by the Local ty. These hours of work do not apply to operate continuously.

In general, night time working shall be kept to a many the However, for some sites where night-time working the stated and agree with the Local Authority, it shall be subject to stated in para 4.2 below.

Additional or alternative work and our reede emergency reasons shall be advised to the Local Attriority

4.2 Noise Limits

4.2.1 General

The Consessionaire shall be general duty to take all practicable meaning like disturbing a moise. The noise limits specified in may be used with the Local Authority must not garded as a limit practical may be used to the allowable limit.

to permissible of noise. The Concessionaire shall apply in me under the crol of Pollution Act 1974 for a Section 61 her steps as may be necessary to enable the Extensional tasks and the concession accordance with the Concession Agreement on site months.

Prior to the commencement of any construction work at any work site, the Concessionaire shall be required to demonstrate to the Local Authority and Centro that it can comply with the agreed noise limits for that work site. This shall be done on the basis of its Contractor's intended and

clearly stated methods of working, types of plant to be used and noise mitigation measures.

The Concessionaire shall allow representatives of Centro and the relevant Local Authorities to access work sites to monitor background noise levels, for the purpose of monitoring compliance with the agreed limits.

If the Concessionaire wishes to change its property thou of working from that upon which it has demonstrated with the agreed noise levels, then it must repeat the property such changes shall be in compliance with the provess of Bs.

Subject to the specific requirements of the Authority, the Authority, the Authority, the Authority are specific requirements set out below must be met

In the event that higher noise levels are necessary stain specific activities and the contractor has observed Section 61 and in respect of such higher levels, Centro the higher noise levels authorised.

4.2.2 Noise limits at Residential Buildings

Maximum noise levels assured 1 any occupied part of a dwelling or other bases used for results purposes, generated by construction plant assured to ment, including the movement of vehicles to and from the Site shows a second to be constructed to a second to be constructed to the construction of the construction plant.

Day	1440	eraging Period	Limit
			L _{Aeq} TdB(A)
Mon Friday	0700-	1 hour	70
	0800 -	10 hours	75
	1800 – 1	1 hour	70
	1900 – 2	1 hour	65
Saturday	0700 -	1 hour	70
	800	5 hours	75
	400	1 hour	70
	2200	1 hour	65
Sundays and	076. – 2200	1hour	65
Public holidays			
Any day	2200 - 0700	1 hour	55

4.2.3 Noise limits at Non-residential Buildings

(i) The maximum noise levels measured 1 metre from any school, college or other teaching facility resulting from any operation by the Concessionaire on or off the Site and concessed in any way with the Construction of the Works shall not exceed the construction of the teaching facility is in use:

At any time Peak Noise Level

Aeq dB() 70

(ii) The maximum noise level measured to the any office beliefing or other noise sensitive building during the sense are the building is in use shall be as defined in Clause 4.2.2 above.

4.3 Noise mitigation

If the Concessionaire's predict or a Llevel measurements, indicate that for occupied dwe out in Clause 4.2 s the will be exceeded for more than y 15 cutive working days, ut q even with the application Bes Means (BPM), the ractic Concessionaire shall ing ppropria tigati heasures.

Where these measure comprise not a sulation, this shall be in accordance with the secondaried in Schedule 1 of the Noise Insulation (Railways Guided Transport Systems) Regulations 1996.

4.4 N

mout prejudice to the sees 4.1 to 4.3 above, the Concessionaire shall amply with the reconstructions set out in BS 5228 "Noise Control on struction and Open sees".

5.0 Vibra

5.1 The Concessions of shall have a general duty to minimise the disturbance caused by vibration from construction activities.

The Concessionaire will ensure that measures are taken to:-

- a) protect residents and users of buildings close by from disturbance or harm; and
- b) protect buildings from physical damage.
- 5.2 The Concessionaire shall consult and liaise with the Local Authority and shall in good time submit a Section 61 application in order to establish the maximum permissible levels of vibration. The maximum permissible levels of vibration levels. Information on the vibration level police of the maximum permissible levels of vibration. The maximum permissible levels of vibration levels. Information on the vibration level police of the maximum permissible levels. Information on the vibration level police of the maximum permissible levels. Information on the vibration level police of the maximum permissible levels. Information on the vibration level police of the maximum permissible levels. Information on the vibration level police of the maximum permissible levels.
- 5.3 Subject to the specific requirements of the Authority, the Knowing minimum requirements must be met.
 - a) To protect residents and users of buildings as a surplance and harm the Concessionaire shades as far as proceedile, exceed Vibration Dose Values as a surplant to BS6472:1992 "Guide to evaluation of human expense to Values as buildings (1 Hz to 80 Hz)" which will result in a surplant type of the comment".
 - b) To protect buildings from physical damage peak particle velocity levels should not seed 5mm excels for particularly sensitive buildings where the seed should seed 3mm/sec.

6.0 Dust and Air Polly

6.1 **Dust**

The acceptable shall take a subsonable measures to keep dust to acceptable shall during both construction and demolition works. It is measures shall be left, but not be limited to:-

the provision of each leaned hard standing for vehicles;

- b) considered of the ematerial stockpiles at all times and damping and damping water sprays during dry weather;
- c) hard so the heavily-used areas shall be kept clean by brushing and regular order spraying;
- d) control of cutting or grinding of material on site to minimise or mitigate dust;
- e) complete sheeting of sides and tops of all vehicles carrying spoil and other dusty material;

- f) watering of unpaved surfaces and roads, and
- g) limitation of vehicle speeds on unpaved surfaces to 20kph.
- h) Storage of cement and other dust generating materials in silos with appropriate filters and overfill alarms or statege bags.

For each of the working sites, the Concession ubmit to the Local Authority the proposed method, the fr of monitoring. cy a Baseline levels of the dust shall also reed. ncemant of construction. The Concessionaire s ě actio pollution with the Local Authority. ionaire sha level of dust pollution using an objective of measurement in the event that the action levels are exce oncessionaire shall implement such further reasonable measures a cessary to bring the levels of dust below the levels agreed with the Lace

6.2 Air Pollution

The Concessionaire shall control with a provision of the Environment Act 1995, the Clean Air Act 1995 and the Health and Safety at Work etc Act 1974.

The Concessionaire so comply with Substances Hazardous to Health Regulation and comply with Health and Safety Executive Guidance Notes En and EH 40/97 on Occupational Exposure Limits

The control of Lead at Work and the Control of Lead at Work

ake precautions to limit smoke emissions or red from site plant contents and red fuel. Plant shall be well maintained and so shall be take to ensure that it is not left running for long passes and not directly use.

7.0 Disposar Contaminated Materials

7.1 Waste

The Concessionaire shall take precautions and develop a management plan which will:

a) define responsibility for waste management to a named individual:

- b) provide clear information on site waste management, including disposal routes and licensing requirements;
- c) identify, quantify and categorise the various types of waste likely to arise from the construction of the scheme
- d) identify waste minimisation measures:
- e) identify which materials should is sagre and on second or recycling; and
- f) describe facilities for the collection

The plan should also be developed in accordance or principles of the Reduce – Re-use – Recovery accycling, counting, energy production) – Disposal waste hier accordance in the UK Waste Strategy, 2000. Where necessary, the reasonable what is required to fulfil the waste minimisation process including the provision of skips, designated for the college of discenting as

The plan will include standit processionaire to constrate with the statutory requirements.

Waste arising from the which is classed as acceptable fill shall wherever recticable be a superficient works.

including surplus spoil, shall be managed so is reasone sticable to contribute towards the environmental development by arising from the use of surplus material and duce any adverse entering mental effects of disposal.

the processionaire with apply with approved guidance and procedure on storage, recovery and dispersal of waste. The Concession will be comply with the measures set out in Section 3 of this CoCs.

The Concessionage must make provision for a suitable environmental specialist to identify any special waste as defined in the Special Waste Regulations 1996 so that they can be suitably managed and disposed of during works. Special waste is defined in Regulation 2.

7.2 Contaminated Land and Materials

Before the development commences a desktop study and site investigation shall be carried out with respect to land affected by the Works (including land within the Limits of Deviation that has already been remediated) in order to determine groundwater characteristics and assess any risk from the presence of contaminants causing or likely to cause significant harm to persons, pollution of contaminants or significant harm to the environment.

A contaminated land assessment reported measures to render the land fit for the land fit for the purpos of measures that are necessary with resonant to the land fit for the lan

The contaminated land assessment report and houses ent plan shall be submitted to the Local Authority for information.

Any contaminated material encountered by the dealt with in compliance with best practice, statutory governor and disposed of at sites process as a value of the compliance and disposed of at sites process as a value of the compliance of the compliance with the compliance with the compliance of the co

The Concessionaire shall idealify there are within the site where contaminated land may account a shall be required to;

- a) carry out approach site investigation in a satisfaction of the Local Authority to describe the extent and type of contamination;
- b) carry out risk assess a valuations to consider potential sources, receptors
- view to address their reasonable requirements and agreeing control or protest measures for dealing with contaminants identified by the rise sessment evaluation;
- other management procedures to be followed contaminated or hazardous materials are disc.
- obtain any essary license for the storage, treatment and disposal of waste (including dewatering discharge);
- f) use registered waste carriers or seek registration as a waste carrier for the handling of all wastes, including contaminated materials; and

g) ensure that removal and disposal of contaminated materials complies with a strict consignment note system and that delivery is to appropriate licensed disposal facilities.

Appropriate precautions must be taken if materials containing asbestos are encountered. The Concessionaire will comply with the Control of Asbestos at Work Regulations 1987 (as amended 19922) and will observe the exposure limits and measurement for as a second are set out in HSE Guidance Note EH 10 1988, or any quidance.

The Concessionaire will comply with Suitable Note of 1998, the Health and Safety Commission (ed Code of Land Guidance Note: Work with Asbestos in and Asbestos Loating 1983, which describes in detail the previous sarry when working with asbestos insulation. The approved code in the stailed advice on waste disposal.

If materials containing lead are will comply with The Control of Lea Work 1998.

In undertaking work on containing ed to a suse of commation concerning the safe operation and redevelopment occurrent at each sites may be found in HSE Protection of containing the Development of Containing ed Land 1

8.0 Urban Ecology

8.1 Wildlife Areas

Typical and shall complete in the provisions of the Wildlife and tryside Act and Countryside and Rights of Way Act 2000 and other relevant in the poservation legislation.

and air pollution respective controlled as set out in section 6 above, to

Suitance section and be taken to prevent entry of pollutants into any bodies of control section 3.

8.2 Protection of Trees

Loss of trees shall be avoided where reasonably possible. Works on or adjacent to trees shall comply with BS3998:1989 "Recommendations for tree work" and BS 5837:1991 "Guide for trees in relation to construction".

Adverse effects on all trees within the working corridor, whether statutorily protected or not shall be minimised by the adoption of suitable mitigation, including, but not limited to;

- a) selective removal of branches in accordance with the relevant British Standard;
- b) use of matting around the root to prevent compaction;
- c) use of suitable protection around trunk it is a damate:
- d) hand excavation in the vicinity trees to be avoid unnecessary damage to roots,
- e) construction activity around the tree mall construction did to minimise compaction of the ground beneath the entire construction traffic movements made up to the construction of the tree.

Trees are defined, for the public e of the compared of the com

Any tree damaged or cycles on without a proved dies as a consequence of the construction shall be replaced to be a species and location and approval of the construction.

Where trees are an utility service diversions, works shall be carried out in accordance. We will 10 guidelines.

Tards are and to the protection of trees:-

3936 - 1:1992: New Stock. Specification for trees and shrubs 33998:1989 – Reconstructions for tree work

4043:1989 - Recommendations for transplanting root-balled trees practice for general landscape operations

e ard surfa

(BS 3. Perse

BS 5837. See For trees in relation to construction

9.0 Archaeology

9.1 Archaeological Features

Any features of archaeological importance shall be dealt with by a written scheme of investigation previously submitted to and approved by the Local Authority as part of the Planning Direction.

Areas where a watching brief will be required shall be identified in the written scheme of investigation and appropriate measures identified should significant archaeological remains be found.

Any archaeological works carried out shall be verified by a suitably qualified body/person.

9.2 Listed Buildings

The Concessionaire shall comply with an equilding consent anted in parallel with the approval of the Or requirements of the relevant legislation in respect of listed suilding particular, the Listed Buildings and Conservation Area Act 1990. "Is seeking to obtain/has obtained) listed buildings for the can put of certain works. Relevant listed buildings are identified in Appendix C.

10.0 Site Boundaries/Hoardings

10.1 Fencing and Hoardings

The Concessionaire agree with the call Authority in advance a scheme of temporary treatment during site clearance, demolition and construction.

The ampletely against public ingress. The forms of six and the six

- post and chain dealdmesh for minimum security;
- a 2.4m minimum and the plywood fenced timber framed, painted undary hoarding a surface density of not less than 6Kg/m2 for security, and oise limitation;
- c) other construction of a particular appearance or acoustic rating is needed.

Construction hoardings that cause poorly-lit walkways shall have bulkheads lights fitted and any fencing or hoarding, as far as is practicable. Gates in the fencing or hoarding should, as far as is practicable, be positioned and constructed to minimise the noise transmitted to nearby noise sensitive buildings from the site direct or from plant entering or leaving the site.

There shall be provided at each enclosed work site an information board detailing information on the site programme are estimated duration on the works, together with telephone contacts are the an emergency telephone number) for use by members of the companion wish to lodge complaints or comments.

10.2 Security

Adequate security shall be exercised by the exercised by the exercised by the exercise and gates shall be closed and locked when not in use.

Security cameras, where used, be directly used at non-construction areas, unless reactions are solded to do so for security purposes, in which case approximate signature and the requirements of the Data Protection Act shall be advided.

10.3 Access for Fire Appliances

West Midlands Fire Bril shall be described the layout and provision of site access and seasonable respectively shall be incorporated into site access are seasonable.

11.0 Site Activities

11.1 G

Concessionaire policy a "good housekeeping" policy at all times. it is shall include, it is to necessarily be limited to, the following wirements:

are green will be a subjected at all times;

- b) rubs and the site kept clean and tidy.
- hoardings shall be frequently inspected, repaired and re-painted as necessary;
- d) adequate toilet facilities shall be provided for all site staff and kept clean;

- e) food waste shall be removed daily; and
- f) the wheel washing facilities shall be brushed clean frequently.

All lorries entering and exiting the site should do so in a forward direction wherever possible. Where reversing is essential, it shall be carried out under the supervision of a banksman. Er ditions shall be subject to prior discussion with the Local All loading and unloading of vehicles shall take places the practicable.

11.2 Site Clearance

The Concessionaire shall clear up all was a both within the Site and accesses as work proceeds and when its required for the carrying out the works.

All surplus soil and materials, standards, hard standing, plant, sheds, offices and temporary stading standards hall be removed, post holes filled and the surface of group estables to its original condition.

11.3 Pest Control

The Concessionaire consumers that risk the estation by pests or vermin is minimised by advantagements for the disposal of food waste or other waste material to pests. If infestation occurs action shall be taken as required by a few Authority Environmental Health Officer

11.4 U res

Concessionaire por not locate stockpiles for materials, stores, plant temporary works or adjacent to existing structures such as ses, viaducts, towp walls and embankments in such a way as to these structures.

12.0 Safet

12.1 Emergency and Procedures

The Concessionaire shall prepare and maintain an Emergency Contacts Set of Procedures for each work site which shall be displayed prominently at each site.

Emergency phone numbers and the method of contacting the Local Authorities and Services for action shall be provided by the Concessionaire. Copies of these procedures shall be issued to the Local Authority, Fire Service, Police and Ambulance Services and any other statutory body if appropriate.

12.2 Health and Safety at Work Act 1974

All sites and activities shall comply with the Act

12.3 Contaminated Materials (Special Pregnancial)

For those sites on which contamine the als is encounted the Concessionaire or sub-contractor's applications and the safety of the shall ensure that a workers safety information to the safety of the shall minent displayed in rest/mess room and that wash rooms covering work practices, clothing requirements, etc., are provided.

12.4 Crane Arcs

Cranes arcs shall be confined hin th s if practicable to íte. do so. Any arcs that might affer ies shall only do so ring \ rmission of the Local with the owner's permission, and the Authority if affecting any lic highw ission required shall be obtained prior to erectic d operatio he.

12.5 Unexploded Bomb

The attention of the Constant are is drawn to the fact that in the unlikely even the sturbed box of the World War II being discovered, the Property of immediate and workers should be made aware such present that it is a such p

13 ghting

to site boundate shall be provided with illumination sufficient for the state of passing state, including disabled people. Precautions shall be tall world state own being cast on surrounding footpaths and roads.

Site lighting share positioned and directed so as to minimise annoyance to residents and businesses and to prevent distraction or confusion to passing motorists.

14.0 Protection of Existing Installations

14.1 Information

The Concessionaire shall be required to make his own investigations and to take all appropriate action concerning existing foundations, buildings, structures, walls, roadways, sewers, cables and other services, apparatus and installations.

14.2 Safeguarding

The Concessionaire shall properly stated and foundations, buildings, structures, walls, roadways evers, apparatus and installations from construction period and take all measured for the conditions of all buildings, structures, pipers, sewers, raines, s and other apparatus during the Concession period and take all measured for the concession period and take all me

15.0 Liaison with the Local Authorities and the Public

15.1 Liaison Officer

Public relations, information is an and costs matters, including liaison with the Local Authorities are Fitchic, the pages and the media will be carried out by the Coppess maire and o shall appoint a Liaison Officer to manage this process

15.2 Public Relations

The Concessionaire state oblish flexible procedures for giving advance notification of and information accerning, all main site activities relating to the control of the Public of the Police, the Fire Brigade, other information shall include, but not stated to, any control of the Public of the Market of the Public of the P

1 Complaints

introduce a system for the recording of all companies which shape collated by them and copies made available to Centro at the control of the

15.4 Construction State

The Concessionaire shall ensure that all site construction staff are easily identifiable to the public by use of identity cards or an equally effective system.



Appendix A

Abbreviations

The below are abbreviations which have been used through the Construction Code of Practice.

General Abbreviations

CoCP

Construction Code of Practice

DTLR

Department of Transport and the scale of ions

Technical Abbreviations (Noise)

LAeq

the equivalent continuous sound level (A-way

Defined as the level of notice and dy sound was at a location and over a defined period that a have the same A-weighted

acoustic energy as the floor ating

LAmax

the peak or maximum A shifter bise less a given period of

time

dB(A)

decibel units (A-mailed)

(A-weighted) the noise la a frequency characteristic approximating to that of the human

Schedule of Public Authorities & Statutory Undertakers

The following information is believed to be current at the time of writing, but it is the responsibility of the Concessionaire to correct identity and contact all relevant Public Authorities & Statutory Undertakers.

Organisation and Registered	Consect ad a service different
Address	
186k Limited	Pa. Pas
130 Jermyn Street	186k
London	First Face and a mon Lane
SW1Y 4UR	Carrington
Cable company, part of Lattice Group,	Manchester M31
owners of Transco	6726
Aquila Power Distribution Limited	quila secondo Services Ltd
Whittington Hall	Toll For Rose
Whittington	Tipt
Worcester	We didlang
WR5 2RB	DYNAMI
	00457.05007
	Jeff Decignes 08457 353637
	jeff.douglas@aquila-networks.co.uk
Di i i olimpia	
Birmingham O'Control	
The Coup	
Victoria	
Birmir	
ы	
private highway	
system dous Waste tions	
now can by ment	
Agency)	
, gonesii	

Organisation and Registered Address	Contact address where different
British Telecommunications plc 81 Newgate Street London EC1A 7AJ For the attention of Mr. Colin Green, Company Secretary	BT Networkbuild Repayments Birmingham pp3D-4 3 Brindley Place Birmingham B1 2JB Kim ey 01 kir ley@b
British Waterways Willow Grange Church Road Watford WD17 4QA	
Cable & Wireless Communications (Mercury) 124 Theobalds Road London WC1X 8RX Cable company	No Carless Post inta Tha Hou Wa ide Pa Lo Bra Berksin AG12 1XL
Carlton To 25 Knight ge London SW Z As to have street ence (preds WA) for cable south footway or sy Square	r Hudson witton Broadcasting Gas Street Birmingham B1 2JT 0121 634 4007
CENTRO (Bus Section Centro House 16 Summer Lane Birmingham B19 3SD Dawn Harris 0121 2147325	

Organisation and Registered Address	Contact address where different
COLT Telecommunications	Mick Ramsay
Bishopsgate Court	Colt Telecommunications
4 Norton Folgate	St Stephen's Street
London	Zone 2B - Central Gate
E1 6DQ	New Town
	Birminghan
Cable company	
	020 181
Dudley MBC	
Chief Executive's Department	
Council House	
Dudley	
DY1 1HF	
Owners of private highway drainage system	
Easynet Telecommunications Limited	Chris Ch
Eastworth House	Eastern Tele
Eastworth Road	70 kingh Avenue
Chertsey	Slove SL4
Surrey	
KT16 8DF	0771825
Cable company, includes lps.	
Francis C	W. Ionaa
Energis C imited	K Jones
Carmel'	ore Designer, Fibre Network
50 Vir Embankmen.	Energis Communications Limited
Lon	Energis House
ʰ	Forbury Road, Reading Berkshire
Cable	RG1 3JH
Cable	KG1 3JH
	0118 919 2815
	0110 313 2010

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Organisation and Registered	Contact address where different		
Address			
ENVIRONMENT AGENCY	EA contact for applications for		
Wrens Court	Consents to Discharge:		
Unit 15-17	Rob Matthews,		
Lower Queen Street	Team Leader Regulatory Water		
Sutton Coldfield	Quality,		
West Midlands	Environmen		
B72 1RT	Sentinal House y Park,		
	Lich Staff		
Ian Storer	tel 3 16 43 444		
Tel: 0121 241 2000 or 0800 807060	fa : 1-1943 (cm) 61		
	EA command matters remaining to		
	Waste		
	lan Brindley, eader: contact		
	details as above		
Fibernet Group plc	Alan Gallier		
Rosalind House	Civils or sor		
Jays Close	Fiber of Group		
The Viables	Ro and House		
Basingstoke	Jakanse		
Hampshire	The Mathews		
RG22 4B\$	Basing		
	Hampshire RG22 4BS		
Cable company	•		
	01256 858685		
Kingsto	an Campbell		
Telephone louse	Kingston Infrastructure		
Carte	New Castle House		
His	Castle Boulevard		
HTC	Nottingham		
	NG7 1FT		
Cable included Torch			
Communicati	0115 8512000		

Organisation and Registered Address	Contact address where different
NTL Group Limited	G J Harwood
NTL House	NTL Business Operations Design
Bartley Wood Business Park	Shelley Close
Hook	Headington
Hampshire	Oxford
RG27 9UP	OX3 8HB
Cable company	
Sandwell MBC	
Sandwell Council House	
PO Box 2374	
Oldbury	
West Midlands	
B69 3DE	
Owners of private highway drainage	
system	
Severn Trent Water Limited	WALER
2297 Coventry Road	Se Trent Seater Limited
Birmingham	W. Barde Card
West Midlands	Edge
B26 3PU	Birming
For the attention of Mr Ph	B16 9DD
Soweres for lines w	Ken Parker
Sewerage for lines, was Birmingha	Tel: ?
Birringh	WERAGE
	Severn Trent Water Limited
	Regis Road,
	Tettenhall
	WV6 8RV
	Ron Bibb,
	Tel: 0121 722 4000
South Staffordshame	
Green Lane	
Walsall	
West Midlands	
WS2 7PD	
Water only, for Wednesbury to Brierley	
Hill line	

I

Contact address where different
Yee-Shuan Shen Telewest Communications plc Falcon House The Minories Dudley DY2 85W
Nick W Manw Chester Busin Wreybam Road SH4 9RF
1244
B (nt Trans) We Stafford God Wolverhampton WV10 6HZ
92 826008 ERGENCY 0800 111 999 Francis Cosgrove Tel: 01902 826204

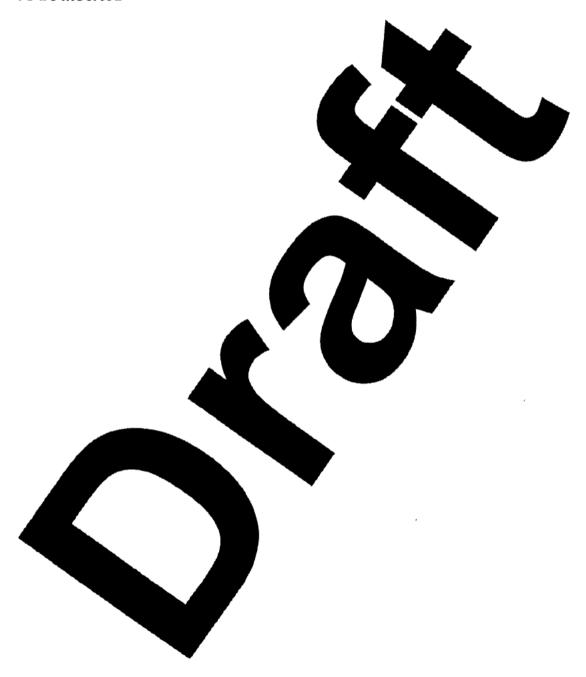
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Organisation and Registered Address	Contact address where different
WEST MIDLANDS AMBULANCE	
SERVICE	
Birmingham District Headquarters	
The Ambulance Station Bristol Road	
Bournbrook	
Birmingham	
B5 7SN	
George D'Arcy	
Tel: (01384) 215615	
WEST MIDLANDS FIRE SERVICE	
Central Fire Station	
Lancaster Circus	
Birmingham B4 7DQ	
B4 /DQ	
Stn Officer Keith Stanton	
Tel: 0121 380 6406	
WEST MIDLANDS POLICE	
Steelhouse Lane	
Birmingham	
B4 6NW	
Insp. Keith Area	
Tel: 0121	
World (UK) Limited	Mhi International Ltd.,
250 Mews	West Smithfields,
Westow	1 st floor,
	1 East Poultry Avenue,
E177	London EC1A 9PT
Cable compa	
Cubio Compan	

Organisation and Registered Address	Contact address where different
Your Communications Limited	K Mitchell
Dawson House	Your Communications
Great Sankey	Diversionary Works
Warrington	Hathersage Road
Cheshire WA5 3LW	Manchester
	M13 0EH
Cable company, formerly Noweb	
Communications, now part of United	016 7024
Utilities	
•	

Appendix C
Schedule of Listed Buildings of Special Architectural or Historic Interest

To be inserted



Relevant British Standards and Guidelines

General

In addition to compliance with all legal requirements at the time for the construction works and compliance with certain British s referred to in the Code, the following British Standards and the clines statutory bodies must be complied with. This soot an experience of the compliance with all legal requirements at the time for the construction works and compliance with certain British statutory because of the compliance with all legal requirements at the construction works and compliance with certain British statutory are constructed by the construction works and compliance with certain British statutory by the time for the construction works and compliance with certain British statutory are constructed by the construction works and compliance with certain British statutory and compliance with certain British statutory by the construction works and compliance with certain British statutory by the construction works and compliance with certain British statutory by the construction works are constructed by the construction of the construction works are constructed by the construction works are constructed by the construction of the construction works are constructed by the construction of the construction works are constructed by the construction of the construction works are constructed by the construction of the construction works are constructed by the construction of the construction works are constructed by the construction of the construc

British Standards Institution

BS 4142: 1997 Method of rating industrial noise and residential and industrial areas.

BS 5228 Noise control on construction and lites:

- Part 1 (1997): Code of Practice for land information and procedures for noise control.
- Part 2 (1997): Guide to legislation it. noise and icable to construction and demolition, including rouse instruction and manufacture.
- Part 4 (1992) Code of Provide for noise and viscation control applicable to piling operations.

BS 5837: 1994 in Relation.

BS 603/

BS Guide to evaluation a uman exposure to vibration in buildings (1 Hz to 1 and 1).

BS 7s ments for vibration in buildings:

- Part 1 (19s) and a for a surrement and vibrations and evaluation of their effects on bulk to a surrement.
- Part 2 (1993) Guide to Jamage levels from ground-borne vibration.

BS EN 60651: 1994 Specification for sound level meters.

BSI DD 175: 1988 Code of Practice for the identification of potentially contaminated land and its investigation.

Health and Safety Executive

HSE Guidance Notes GS 29/4 - Health and safety in demolition work.

HSE Guidance Notes EH 10 (1995) Asbestos: exposure limits and measurement of airborne dust concentrations.

HSE Guidance Notes EH 40/98 (1998) - Occupational Section Limits.

HSE Guidance Notes MS 13 (1998) Asbesto

HSE Guidance Note HS(G) 66 (1991) Protection and Kers and the General Public During Development on Contamination and.

HSE Approved Code of Practice. Work with asbedos is asbestos costing, and asbestos insulating board (1993).

Environment Agency Pollution Prevented (PPG)

PPG1 - General Guide to the Prevent of Policipin Waters.

PPG2 - Above ground oil stora lanks.

PPG3 - The use and designed separators in the even water drainage systems.

PPG4 - Disposal of sewage who was a bins drainage is available.

PPG5 - to affect to affect to affect the property of the second to affect the property of the

PPG orking at demolis construction sites.

Personal Elling Stations -core at tion and operation.

PPG8 - and die of used oils.

PPG10 - Highwa

PPG11 - Industrial Sites

PPG13 - The use of high pressure water and steam cleaners.

PPG18 - Control of spillages and fire fighting runoff.

PPG19 - Garages and vehicle service centres.

PPG22 - Dealing with spillages on highways.

Department for the Environment, Food and Rural Affairs Planning Policy Guidance (PPG)

PPG2 - Green Belts.

PPG9 - Nature Conservation.

PPG13 - Transport.

PPG14 - Development on Unstable Land.

PPG15 - Planning and the Historic Environment.

PPG16 - Archaeology and Planning.

PPG23 - Planning and Pollution Contra

PPG24 - Planning and Noise.

Department for the Environness Food are small res Guidance

Reports 1-5 produced by Continuated Land Name (CLR), Department of Environment 95.

DoE A Guidance to Risk Assess Risk Management for Environment 1995.

DoE W Managemen Samuel

Transa gns Manual 1991.

DCM. 14/97.

Guidance of the minates and

ICE Site Investigation of Group: Site Investigation in Construction Sites, Vol. 4 Guidelines on the Lafe Investigation by drilling of landfills and contaminated land (1993).

ICE Design and Practice Guide on Contaminated Land (1994).

CIRIA Remedial treatment of contaminated land Series: SP101 to SP1122;

CIRIA (1995)

Environment Protection Act 1990, Waste Management A Duty of Care 1990: A Code of Practice 1996.

Guidance on Trees

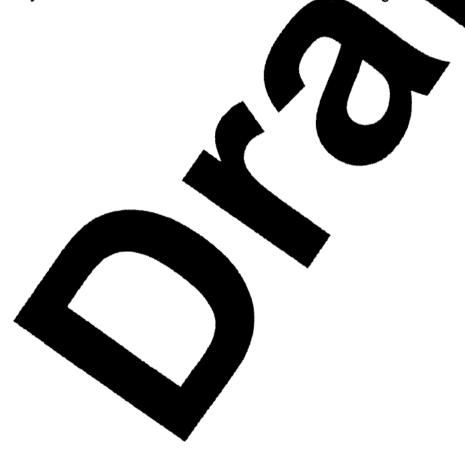
BS 5837: 1991 Guide for Trees in relation to construction

National Joint Utilities Group (NJUG) Publication 9: Guide 19: the Planning, Installation and Maintenance of Utility Services Proximately 1995.

Tree Roots, Leaflet No. 6, The Arboricultural

Other Guidance

Royal Fine Art Commission Circular: The Design of Light Roses as, 1999.



APPENDIX D

The Council's Land

PART 1: Land Required Permanently

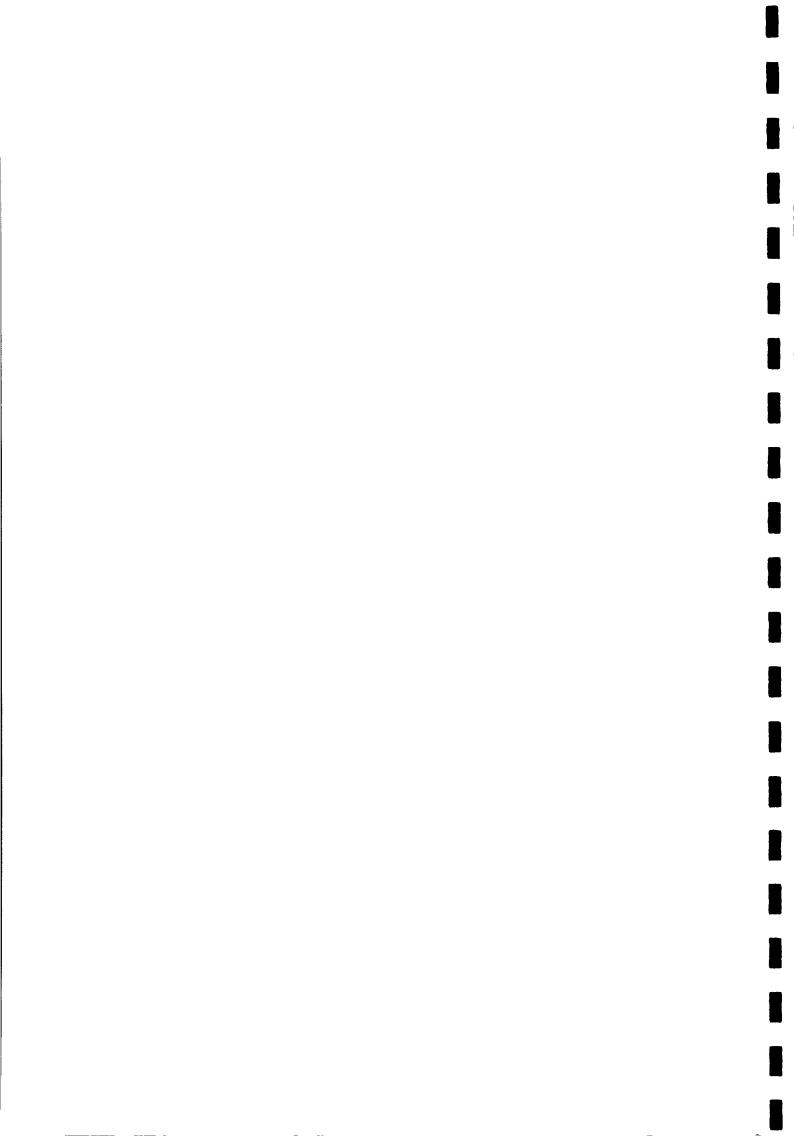
- 1.1 Land at Railway Street (shown on plan no CPD 40360/6
- 1.2 Land at Eagle Lane (shown on plan no CPD 15800/2
- 1.3 Land at Sedgley Road East (shown on plan no CPD 43000/26

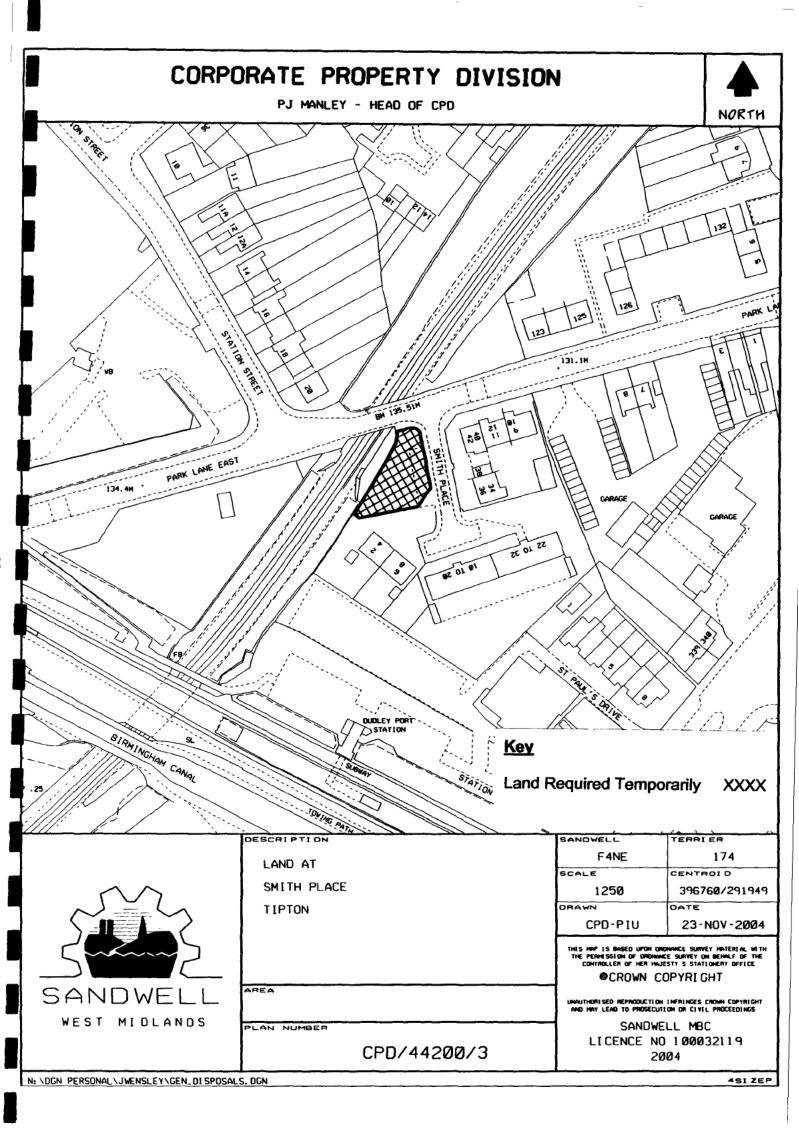
PART 2 Land Required Temporarily

- 2.1 Land at Coneygre Playing Fields (shown on plan no CPD 43000/26
- 2.2 Land at Smith Place (shown on plan no CPD 15800/2ムムマの13

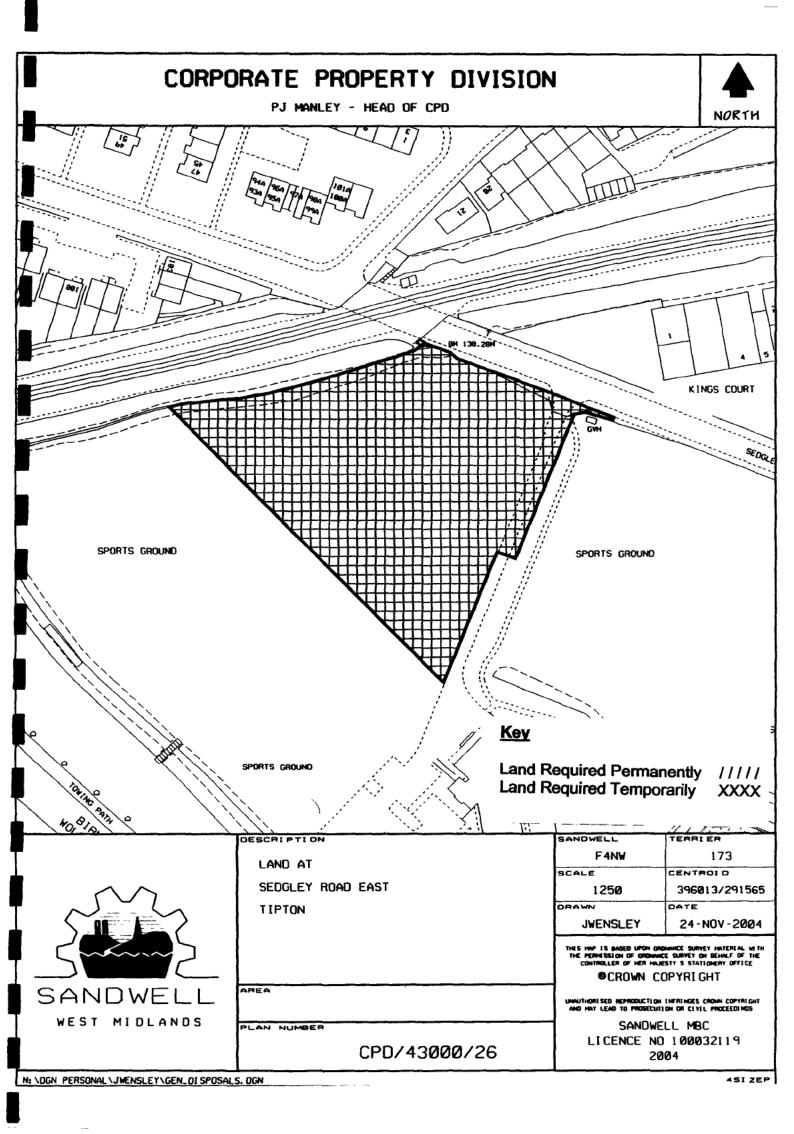
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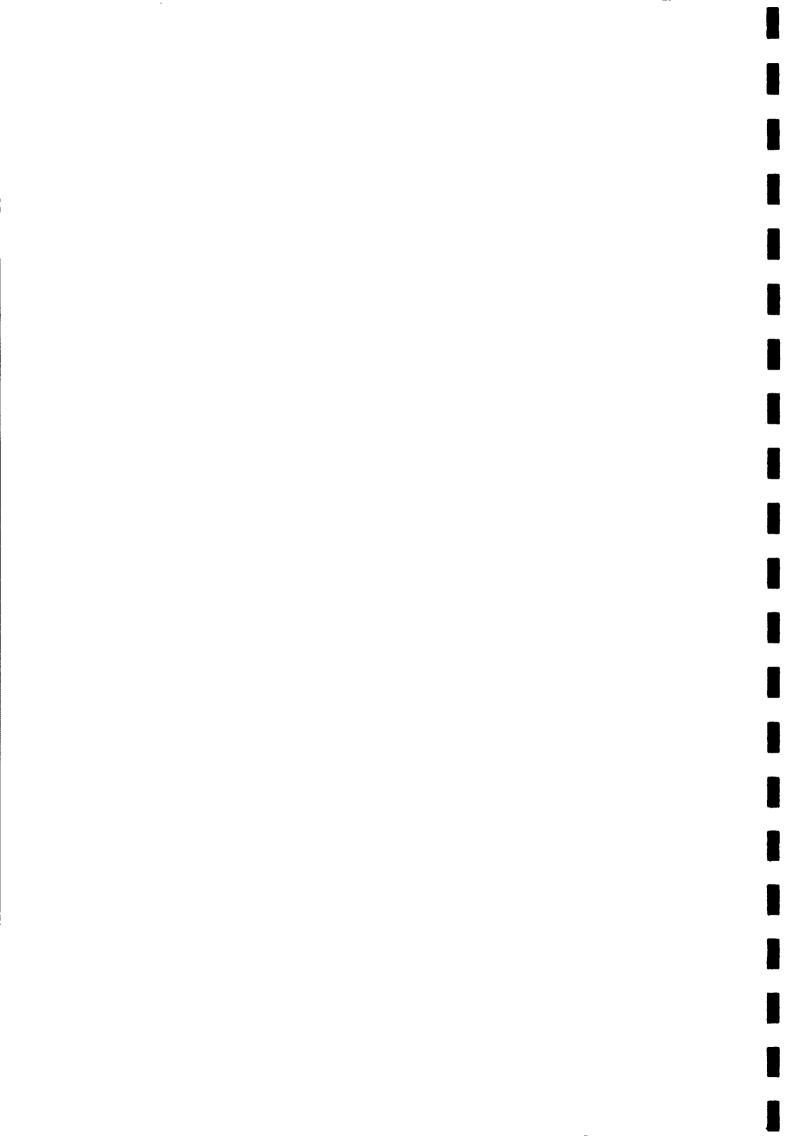
2.3 Land at Eagle Lane (shown on plan no CPD 44200/3 1580012

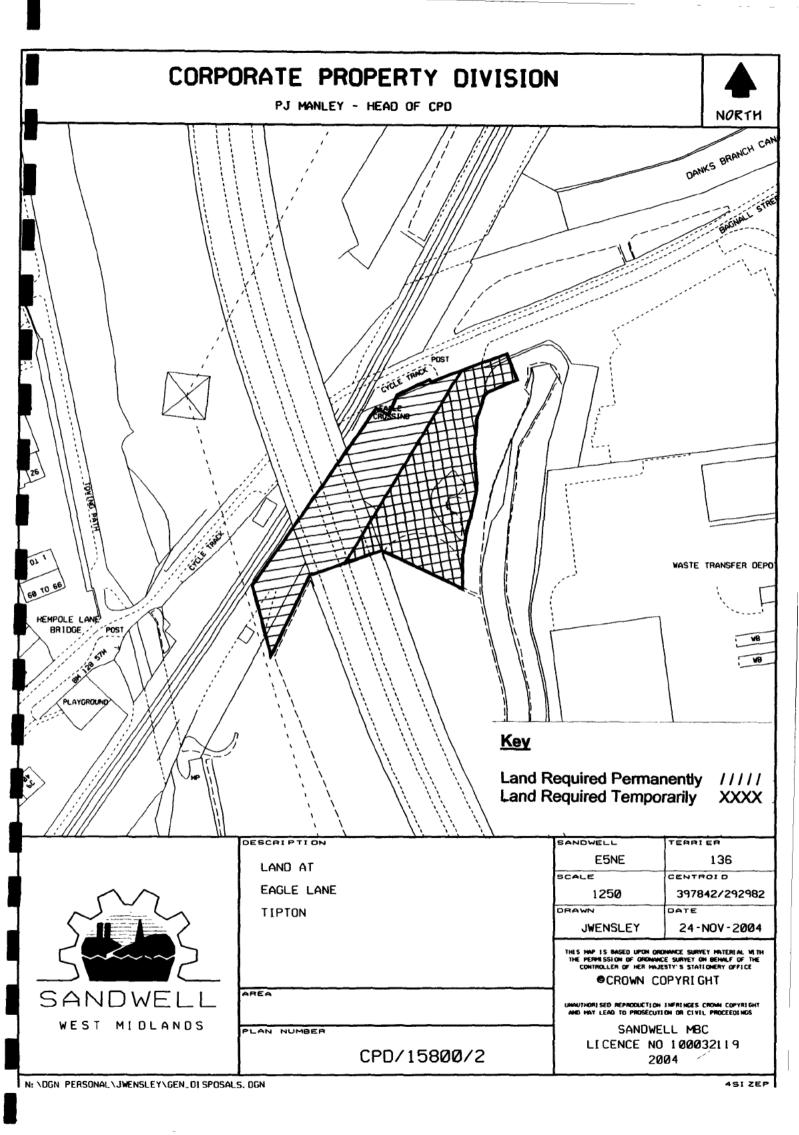


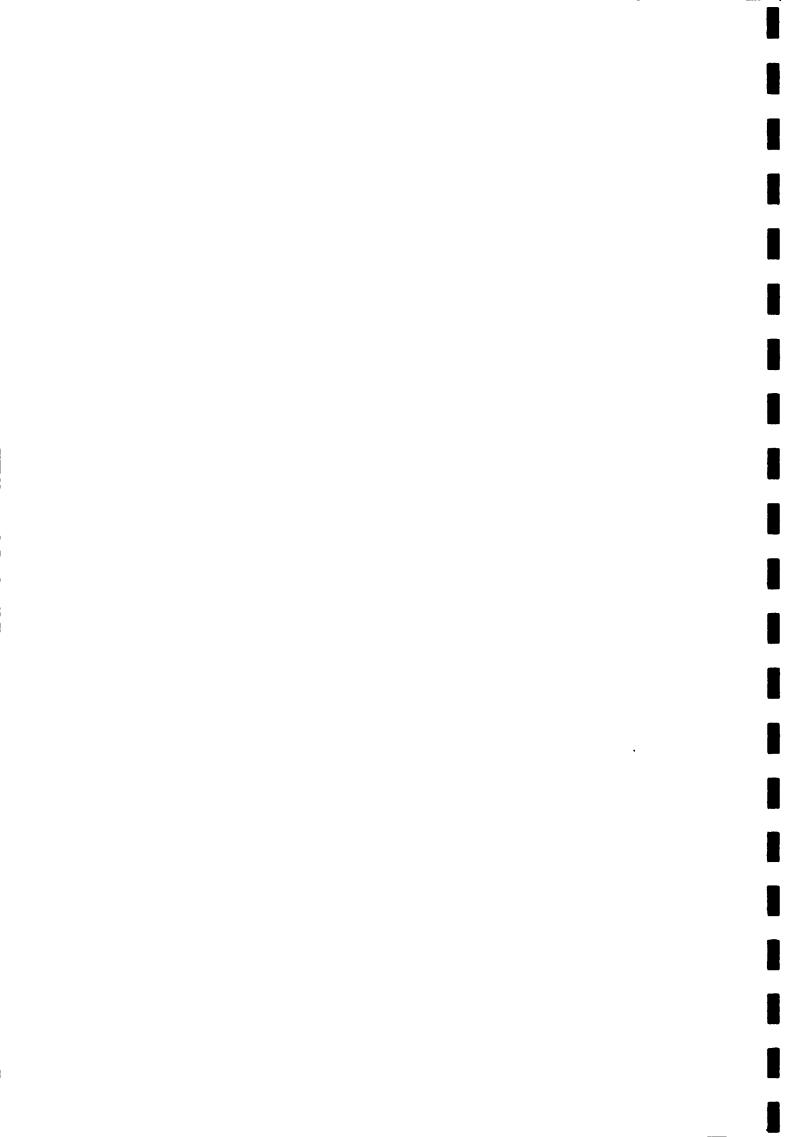


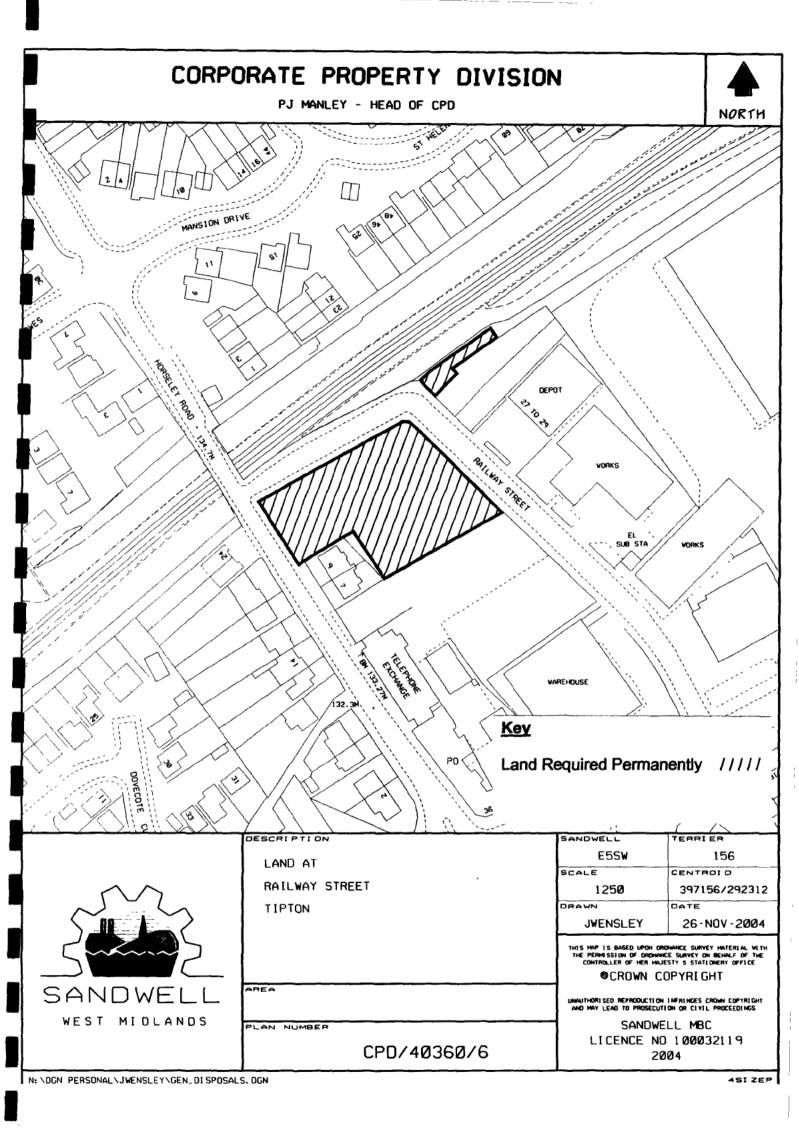
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APPENDIX E

Conditions of use and re-instatement of Coneygre Playing Fields

- 1 The existing Football pitch affected by the works to be reconfigured through 90 degrees.
- 2 The existing urban planting is not to be affected.
- No new entrance can be constructed from Sedgley Road East between the existing entrance and the proposed new Midland Metro bridge.
- Specific regard is to be given to the existence of community buildings within the playing fields. Various community groups, some of whom may be of vulnerable categories, use such buildings and special regard must be given with regard to their safety.
- In the event that Centro wish to utilise the existing access to the playing fields Centro shall enlarge the said access for which consideration should be given to the type of vehicle reasonably expected to access the site. In the event of enlargement an appropriate visibility splay (the design of which to be approved by the Council, such approval not to be unreasonably delayed or withheld) should be provided and thereafter retained following completion of the works
- Any alteration to the existing access as set out in 5 above will require planning permission.
- Any alteration to the existing access as set out in 5 above must not affect the trees, lighting and public footpath immediately adjacent to the existing access. Consideration should also be given to any utilities or buildings in this immediate vicinity.
- 8 The pedestrian footpath is to be extended and accessed/egressed by a new wicket gate.
- 9 If the access is widened the access road should be widened along its whole length to allow for the passage of cars and vans. Lorries accessing the compound area should do so at the nearest possible point to the access.
- The widened access road (and widened gates) should remain upon completion of the works and should be kerbed and tarmaced. The compound area should be reinstated as a sports pitch.

