ROYAL BOROUGH OF KENSINGTON & CHELSEA

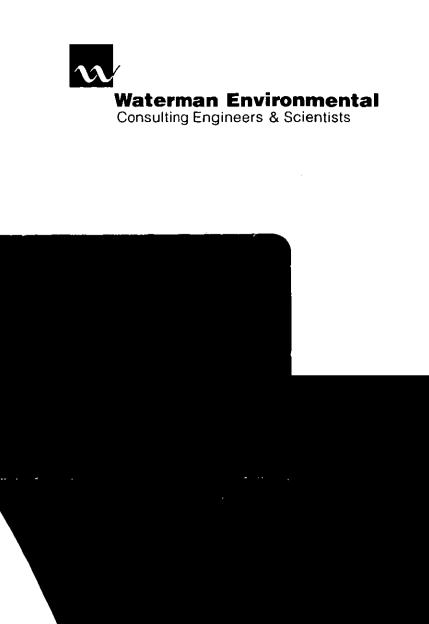
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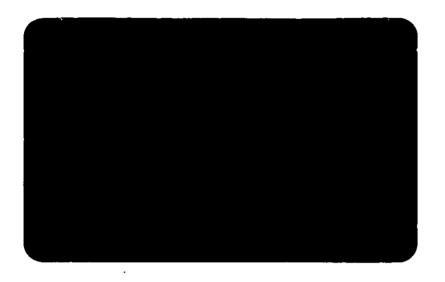
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RISK ASSESSMENT AND REMEDIATION STRATEGY

LOTS ROAD POWER STATION DEVELOPMENT

FOR

CIRCADIAN LTD

WATERMAN ENVIRONMENTAL VERSAILLES COURT 3 PARIS GARDEN LONDON SE1 8ND

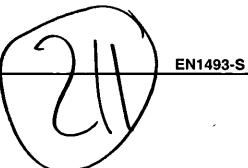
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Lots Road Power Station Development



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APPENDICES

A Site Plans



RISK ASSESSMENT AND

REMEDIATION STRATEGY

LOTS ROAD POWER STATION DEVELOPMENT



1.0 <u>INTRODUCTION</u>

Instructions were received from Circadian Ltd in September 2002, to prepare a borough specific Supplementary Risk Assessment and Remediation strategy document for the Lots Road Power Station Development land situated within the Royal Borough of Kensington and Chelsea. The proposed end-use for the site is predominately residential with hardstanding open public spaces.

The environmental setting of the site summarised in this document is based on desk study and an updated borough specific site investigation report (Site Investigation and Environmental Summary Report on Site A Ref: R/EN1493-S.PDS.7.2.1 dated October 2002), which was prepared by Waterman Environmental for Circadian Ltd. The purpose of this report was to assist in evaluating the potential environmental risk associated with ground contamination at the site, and allow an appropriate risk assessment and remediation strategy to be established. A number of other site investigations and background summary reports have been produced by third parties prior to Waterman Environmental's involvement, these have been incorporated within the Site Investigation and Environmental Summary Report on Site A.

These reports provide an assessment of the contamination results against published guideline values (Interdepartmental Committee of Redevelopment Contaminated Land ICRCL 59/83 for Soils, and Drinking Water Standards for water and leachate results). The assessment undertaken at that time was based on a re-development masterplan comprising predominantly hard cover end use with basement car parks. In addition, in March 2002 the Department of the Environment Food and Rural Affairs (DEFRA) and the Environment Agency published a new set of guidelines (Contaminated Land Exposure Assessment Model (CLEA)), which will replace the ICRCL Values.



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To date the CLEA guidance only provides soil guideline values for seven parameters and it is acknowledged that further more detailed evaluation of the contamination present in various end use zones will be necessary as further CLEA values become available.

This report represents a preliminary qualitative and semi quantitative re-evaluation of the risk assessment for contamination at the site on the basis of the site redevelopment masterplan as submitted for planning approval, current guidance and legislation.

2.0 SUMMARY OF THE ENVIRONMENTAL SETTING OF THE SITE

Full details of the site history and settings are provided in the Site Investigation and Environmental Summary Report on Site A. The development site is located within the Royal Borough of Kensington and Chelsea. The site is located on the northern bank of the River Thames centred on National Grid Reference TQ 26395, 76970. A site plan and site location plan are included in Appendix A.

The site located between Chelsea Creek to the south and Lots Road to the north. both running in a west to east direction. The creek flows into the River Thames, which forms the eastern boundary of the site. Residential properties along Lots Road are located to the north of the site with associated power station buildings and Chelsea Harbour located to the south.

The site consists of an approximately rectangular strip of land to the north of Chelsea Creek which is predominately occupied by the Lots Road Generating Station. A yard area and a number of associated smaller buildings are located in the eastern portion of the site and to the west of the generating building is the West Yard Pump House.

Historically the site was used as riverside wharfs prior to the construction of the power station between 1902 and 1905. A dock, coal storage pit / tank and a number of ancillary buildings were built in the west of the site following the power stations construction. The coal pit / tank was subsequently demolished and in-filled on conversion of the power station to oil. The dock was also in-filled.



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Lots Road Power Station Development

Ground investigations have confirmed the local geology to comprise Made Ground overlying Alluvial Clay, which in turn is overlying Terrace Gravels over London Clay. Chalk is located at depth. According to the Environment Agency (EA), 1:100,000 scale Groundwater Vulnerability Map, Sheet 39, West London, the alluvium and River Terrace Gravel Deposits are both classified as minor aquifers of High (Urban) Leaching Potential. These deposits are known to be in hydraulic continuity with the River Thames given the tidal fluctuations recorded. The underlying London Clay is classified as a non-aquifer, and the Woolwich and Reading Beds and the Thanet Sand Formation are minor aquifers. The Chalk at depth is classified as a major aquifer.

Significant hydrological features in the vicinity of the site include Chelsea Creek and the River Thames, which form the southern and eastern boundaries respectively. Within 250m the EA holds one record of a groundwater abstraction for industrial purposes and two licensed surface water abstractions both of which relate to Lots Road Power station. The site is not located within a groundwater Source Protection Zone

3.0 SITE INVESTIGATIONS

A total of 34 sampling locations have been undertaken on the site with 112 soil samples analysed from these points at various depths. A plan of the sample locations is presented within Waterman Environmental's Site Investigation report Ref: R/EN1493-S.PDS.7.2.1 dated October 2002 and within Appendix A.

The site investigations identified elevated hotspot concentrations of toxic and phytotoxic metals mainly associated with the ashy Made Ground that is present across the site. Areas of concentrated contaminants include an infilled former Coal Pit and Dock located in the East Yard of the site. Leaching tests carried out show that generally the contaminants have a low mobility.

Perched Groundwater contained a variety of marginally elevated metals, sulphates, cyanides and phenols as well as phthalates recorded by a previous investigation. Contaminants encountered within the River Terrace Gravel Deposits generally



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Lots Road Power Station Development

matched the perched groundwater which again contained elevated metals, sulphate and phenols.

4.0 LIMITATIONS TO EXISTING INVESTIGATIONS

The power station has, until November 2002, been operational and it has therefore not been possible to assess the site as comprehensively as necessary due to operational practicalities. This is particularly apparent within the footprint of the generating building, below the ancillary buildings to the north west of the site and beneath the footprint of the west yard pump house.

Following shut down of the power station these areas will be comprehensively investigated by a series of trial pits and boreholes to establish the underlying ground conditions. Additional phases of investigation will also be undertaken should it prove necessary to supplement / refine the findings of the initial investigation. The scope of all these investigations will be submitted to the Royal Borough of Kensington and Chelsea and the Environment Agency.

5.0 THE PROPOSED DEVELOPMENT

It is proposed to redevelop the site for residential and commercial properties with parking. The power station building structure is to be retained and renovated with up to two levels of basement parking. Retail units are to be constructed on the ground floor with residential apartments above. Additional residential apartments are to be developed to the east of the power station including in a 30 storey tower overlooking Chelsea Creek and the Thames. Residential accommodation is also to be provided within the West Yard Pumphouse which is to be retained. Two levels of basement carparking are to be constructed in the area of the site to the east of the power station with hardstanding open amenity areas and landscaping at ground level.

A small section of the north western floorplan of the power station and a narrow strip of land bordering the River Thames are not underlain by basement carparks. The West Yard Pumphouse will also not contain underground parking, however there are currently two basement levels which will be retained.



Due to the presence of underground carparks across the majority of the site, the amenity areas and open areas bordering Chelsea Creek and the River Thames are predominately hardstanding. Areas of landscaping within these areas are to be contained within engineered pits, trenches and planters appropriate to the conditions and species of plants being established.

6.0 SUMMARY ENVIRONMENTAL ASSESSMENT

The following environmental issues have been identified on the site a brief description of how these issues will be addressed is detailed overleaf:

Soil Contamination										
Hydrocarbons	Phytotoxic / Toxic Metals and	Phytotoxic / Toxic Metals and Hydrocarbons	Hydrocarbons, Phenols and other contaminants	Sulfates	Phytotoxic Metals, Toxic Metals and Hydrocarbons	Asbestos Fibres	Hydrocarbons	Phytotoxic Metals, Toxic Metals and Hydrocarbons	Phytotoxic Metals	Source
granular made ground	Leaching and migration through	Leaching and migration through granular made ground	Direct Contact	Direct Contact	Ingestion / Inhalation of soil / dust Dermal Contact Inhalation of vapours	Inhalation of released fibres	Inhalation of vapours	Ingestion / inhalation of Soil Dust Ingestion / inhalation of Building Dust Dermal Contact	Plant Uptake through contact with contact soils	Pathway(s)
and Chalk Groundwater and River Tharnes	Terrace Gravel Groundwater, Woolwich and Reading / Thanet	Neighbouring Sites	Services	Buildings and services	Construction Workers and Members of the Public during Construction	Site Endusers, Construction Workers and Members of the Public during Construction	Site Endusers	Site Endusers	Plants and Landscaping	Receptor(s)
	Qualitative and EA R&D note 20	Qualitative	ICRCL (BRE Special Digest 1 (Concrete in aggressive ground, 2001)	Occupational Exposure Limits	Qualitative Control of Asbestos at work Regulations, HSE EH10 MHDS 39/4 & ICRCL	Occupational Exposure Limits	CLEA (ICRCL)	ICRCL	Assessment Methodology
	Low	Low	Medium	Low - Medium	Medium - High	High	Low - Medium	Low - Medium	Medium	Risk (No Mitigation)
Removal of hotspot contamination. Validation sampling.	Hardstanding construction will prevent the percolation of groundwater causing potential contaminant leaching.	Hardstanding construction will prevent the percolation of rainwater causing potential contaminant leaching. Groundwater flows are considered to be towards the River Thames rather than offsite. Results did not indicate significant leachable contaminants.	The majority of services will be routed through the underground carpark. Entry and exit points will be within appropriately lined trenches.	Hotspots of contamination will be removed. A Design Sulfate Class of DS-2, and Aggressive Chemical Environment for Concrete site classification of AC-2 should be adopted for the site.	Appropriate PPE, Dust suppression and good site security.	Identified areas of asbestos will be removed by a licensed contractor in accordance with the relevant legislation and best practice. Validation sampling will be undertaken.	Hotspots of elevated determinants will be removed. Dilution factors far in excess of any vapour emissions.	Hotspots of elevated determinants will be removed through basement construction. Site end-users will be physically isolated from underlying remaining contaminants due to hardstanding covering. No residential gardens or allotments within the proposed design scheme. Validation sampling will be undertaken.	Hotspots of elevated determinants will be removed through basement construction. Hardstanding covering will prevent direct plant uptake. Any landscaping will be contained within engineered pits designed for the conditions and plants established. Imported material to meet all relevant assessment / methodology criteria.	Mitigating Works
	f	Low	Low	Low	Low	Low	Low	Low	Low	Residual Risk



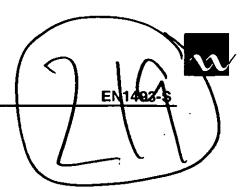
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Low	Piles are not likely to penetrate through the London Clay. No Pathways.	Low		Woolwich and Reading / Thanet and Chalk Groundwater	Construction	Strata		
	High degree of dilution and attenuation.	Low	Urinking Water	Surface Waters	Post	through	Groundwater	
Low	Piles are not likely to penetrate through the London Clay. No Pathways.	Low	EA R&D note 20 / Qualitative /	Woolwich and Reading / Thanet and Chalk Groundwater	Construction	contaminated waters flowing	Terrace Gravel	
•	High degree of dilution and attenuation.	Low		Terrace Gravel Deposits	During	Existing		G
	Removal of hotspot contamination. Largely hardstanding development restricting leachate migration / generation.	LOW		Woolwich and Reading / Thanet and Chalk Groundwater				round
	Removal of hotspot contamination. Largely hardstanding development restricting leachate migration / generation.	- -			Construction			Water
Low	Removal of hotspot contamination. Largely hardstanding development restricting leachate migration / generation.	Medium	Standards	Terrace Gravel Water	Post	strata		Conta
	Removal of hotspot contamination. Largely hardstanding development restricting leachate migration / generation.	Medium	/ Drinking Water	Surface Water	-	waters flowing through	Groundwater	ımina
	Piles are not likely to penetrate through the London Clay. No Pathways.	Low	EA H&D note 20 / Qualitative	Woolwich and Reading / Thanet and Chalk Groundwater		existing	Perched	tion
	High degree of monitoring and control of construction through site specific EMP. Removal of hotspot contamination. Perched water encountered will be pumped out and disposed accordingly.	Low - Medium		Terrace Gravel Water	During Construction	Free product /		
Low	High degree of monitoring and control of construction through site specific EMP. Removal of hotspot contamination. Perched water encountered will be pumped out and disposed accordingly.	Medium - High		Surface Water				
	Dilution factor far in excess of gas emissions	Low		Neighbouring Sites				
	Provision of gas barrier and sub floor ventilation where buildings lie directly on made ground. Vehicle ventilation requirements within the underground carpark will be in excess of gas emissions. Additional SI to validate current proposals	Medium	Regulations.	Endusers of the Site (confined space accumulation)	centrations of d gas	Explosive concentrations of ground gas		Gr
	Dilution factor far in excess of gas emissions.	Low	Document C of	Public			Oxygen	our
Low	Dilution factor far in excess of gas emissions.	Low	/ Approved	Neighbouring Sites			Dioxide and Low	
	Provision of gas barrier and sub floor ventilation where buildings lie directly on made ground. Vehicle ventilation requirements within the underground carpark will be in excess of gas emissions. Additional SI to validate current proposals	Medium	Occupational Exposure Limits	Endusers of the Site (confined space accumulation)	of vapours / of oxygen	Inhalation of vapours absence of oxygen	Methana Carbon	-
	Dilution factor far in excess of gas emissions.	Low		Public				
Residual Risk	Mitigating Works	Risk (No Mitigation)	Assessment Methodology	Receptor(s)	/ay(s)	Pathway(s)	Source	



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7.0 ENVIRONMENTAL RISK ASSESSMENT

A qualitative assessment of the source-pathway-receptor linkages has been undertaken to give an indication of the overall environmental risk associated with the identified ground contamination at the site. Summaries of the various issues highlighted are further discussed below:

7.1 Soil Contamination

The site investigations identified elevated hotspot concentrations of toxic and phytotoxic metals mainly associated with the ashy Made Ground that is present across the site. Areas of concentrated contaminants include an in filled former coal pit / tank and dock located in the east yard. Leaching tests carried out show that generally the contaminants have a low mobility.

Current site proposals include the provision of a basement car park almost completely beneath the power station with a double level carpark beneath the land to the east of the power station including beneath the proposed buildings and tower to the east. The basement construction will therefore necessitate the excavation, and disposal off site, of a considerable amount of made ground. Contamination associated with this depth of made ground will be removed from site and disposed of in an appropriate manner in accordance with relevant Duty of Care legislation. Any uncontaminated soil will be reused on site, sold for use at other sites, or disposed of site to a licensed facility.

Following construction of buildings, hard cover and car parks, the potential source of the contaminants will either have been removed or be encapsulated by the hardstanding and underlying clayey alluvial layer. Vertical and horizontal migration of perched surface water within the made ground will therefore be minimal. Any existing migration pathways to the River Thames and underlying minor and major aquifers will therefore cease in these hardstanding areas.

The small percentage of remaining land, principally bordering the River Thames, that does not have underlying basement car parks is also to be covered with paving served by surface drainage to direct rainwater to the Creek and River. Thereby

Lots Road Power Station Development



preventing rainwater infiltration and leaching of contaminants to the River Thames and underlying minor and major aquifers.

Areas beneath the floor plan of the generating building, ancillary buildings and within the west yard that have not been adequately investigated due to the operational status of the Power Station. These will be fully investigated during decommissioning / post decommissioning to establish the underlying environmental conditions. Where determinants are elevated the risk to the local receptors will be fully evaluated and if necessary the areas will be appropriately remediated. All proposals will be submitted to the local authority and Environment Agency for approval. Remediated areas will be validated with additional testing and if necessary additional works will be undertaken to ensure the relevant clean up criteria are met.

7.2 Human Risks

The section is focused solely on the likely risk to the human end users of the site following the construction of the properties.

On the basis of a source pathway receptor model for the site the risk to the end users of the site is low. This assessment is based on the fact that a minimum of between approximately 2.5m and 5m of soil will be removed of site depending whether a single or double basement is to be constructed. Following this the concrete floor slab for the carpark will prevent any direct contact. Where areas exist that do not have an underlying basement carpark there is again a hardstanding finish which will prevent direct contact. All landscaped areas will be contained within engineered pits appropriate to the conditions and plants established and soil imported will comply with the CLEA values and ICRCL values.

On this basis there are not considered to be any pathways between contamination remaining on the site following the excavation of the carparks and the end users due to the hardstanding nature of the site.

7.3 <u>Validation Testing</u>

Upon completion of basement carpark excavations, appropriate validation testing will be undertaken in order to confirm the absence of residual contamination. Any



Lots Road Power Station Development

samples that fail the appropriate validation criteria will be re-excavated and re-tested until they pass the relevant criteria.

7.4 Groundwater

A Tier One assessment of the risk to the underlying minor aquifer and nearby River Thames and Chelsea Creek was undertaken in accordance with the Environment Agency R&D note 20 - Methodology for the Derivation of Remedial Targets for Soil and Groundwater and using drinking water standards as preliminary assessment criteria.

Perched groundwater was not encountered in any significant quantities on the site. Samples have been obtained which did indicate marginally elevated metals, sulphates, cyanides and phenols as well as phthalates recorded by a previous investigation.

During construction works any near surface perched groundwaters encountered will be intercepted and precautions will be put in place to ensure that this is prevented from migrating either into the underlying River Terrace Gravel Deposit Aquifer or the River Thames. Any such water collected will be disposed of in an appropriate manner, in accordance with the requirements of the Environmental Agency or Thames Water, this will include the use of settling tanks / interceptors where requested.

Boreholes within the River Terrace Gravels have confirmed the minor aquifer to be in hydraulic continuity with the River Thames, with those boreholes close to the river showing the greatest tidal variation. Water analysis from the River Terrace Gravel Deposit Aquifer has confirmed this to have a broadly similar chemical composition to that of the perched groundwater.

The groundwater quality of the aquifer is considered to be typical for its location and the industrial heritage of the wider area which has included various potential pollution sources including the nearby town gasworks. Leachate results have shown that overlying elevated determinants on the site are not causing additional contamination to the water bodies. The presence of drained basement carparks across the majority of the site will also remove the majority of the sources of contamination. Significant



EN1493/S

Lots Road Power Station Development

migration of contaminants to the aquifer will therefore be prevented by the hardstanding nature of the development, severely limiting the potential for rainwater infiltration.

No remedial measures are therefore currently considered necessary for the River Terrace Gravel Deposit Aquifer. Water quality impact on the River Thames and Chelsea Creek from the River Terrace Gravel Deposit Aquifer is considered negligible on the basis of the extremely high dilution factors, extent of overlying contamination to be removed and hardstanding cover.

Additional site investigations within areas that have not been fully assessed (i.e. beneath the generating building) will also sample the waters from the Terrace Gravels. The groundwater condition will be re-evaluated following these works and and any a full risk assessment undertaken to assess the impact on the local receptors. This will be submitted for approval to the Local Authority and EA and any remedial measures considered necessary will be agreed and implemented.

Although there are to be double basements within the development and the chimneys have deep foundations these are only considered likely to have a localised diversion the groundwater within the minor Terrace Gravel Aquifer. Given the extent of the underlying London Clay (in excess of 30m) it is not considered the development will have an impact on the major chalk aquifer at depth.

7.5 Ground Gas

Results from the underlying strata have indicated marginally elevated methane in a number of locations on the site. The maximum recorded concentration from the site has been 1.1%v/v. On the basis of existing limited results a passive gas venting system is provisionally proposed to protect future residents of the site. However where properties are constructed over basement carparks, which is most of the site except Block KC4 (the current location of the West Pump House), the ventilation requirements of the carparks to remove exhaust fumes, carbon monoxide, (typically three air changes per hour) will be greatly in excess of the ventilation required due to the ground gas. In these car park areas, gas protection measures are therefore not considered necessary.



Lots Road Power Station Development

Where there are no basement carparks a passive gas venting system will be installed. This applies to the building at the location of the West Pump House (Block KC4) and those areas within the northwestern corner of the power station that are not underlain by carparks. Additional site investigations will, however, be undertaken in these areas and the results of these will be incorporated into the current gas assessment to confirm the gas protection measures that are required. This will be done in agreement with RBKC and the NHBC. In the event that higher than anticipated ground gas results are recorded then the gas protection measures would be upgraded to incorporate appropriate gas membranes and if necessary active dispersion methods.

7.6 Landscape

Where landscaped areas are located above underground car parks suitable engineered pits or planters will be constructed. Confirmation that any growing medium material meets the CLEA and ICRCL guidelines will also be undertaken.

It is recommended that landscaped areas outside the footprint of the underground car park should be placed within a drained pit providing a suitable depth of growing medium, lined at the base and sides to restrict root growth into any residual made ground containing elevated chemical parameters.

7.7 Services

The majority of services will be routed from the surrounding road mains and will enter the site through the underground car park or basement areas. No specific measures are considered necessary.

In any areas where the services may come into contact with the Made Ground they will be constructed within a trench containing clean backfill.

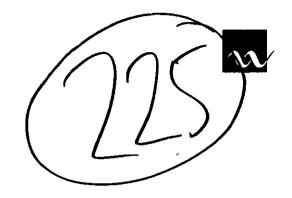




Paul Shelley BSc (Hons) AIEMA

to Ollkenn

John Marsh BSc (Hons) MSc FGS



APPENDIX A

Site Plans

Site Location Plan Site Plan



Waterman Environmental

Consulting Engineers & Scientists

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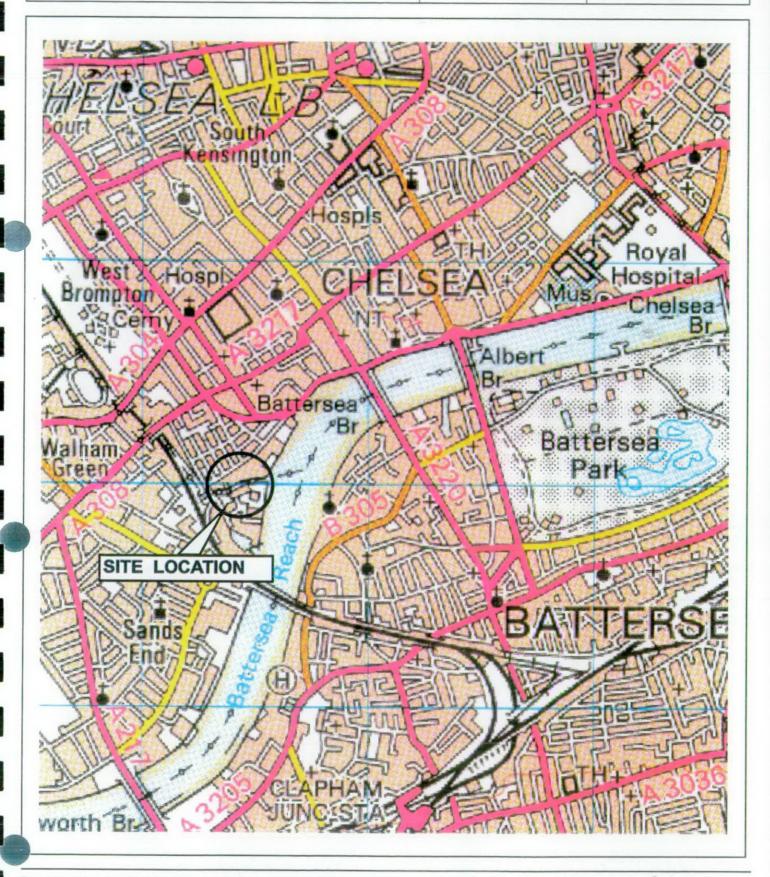
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LONDON SE1 8ND Fax 0207 928 0656 Job No:-EN1493

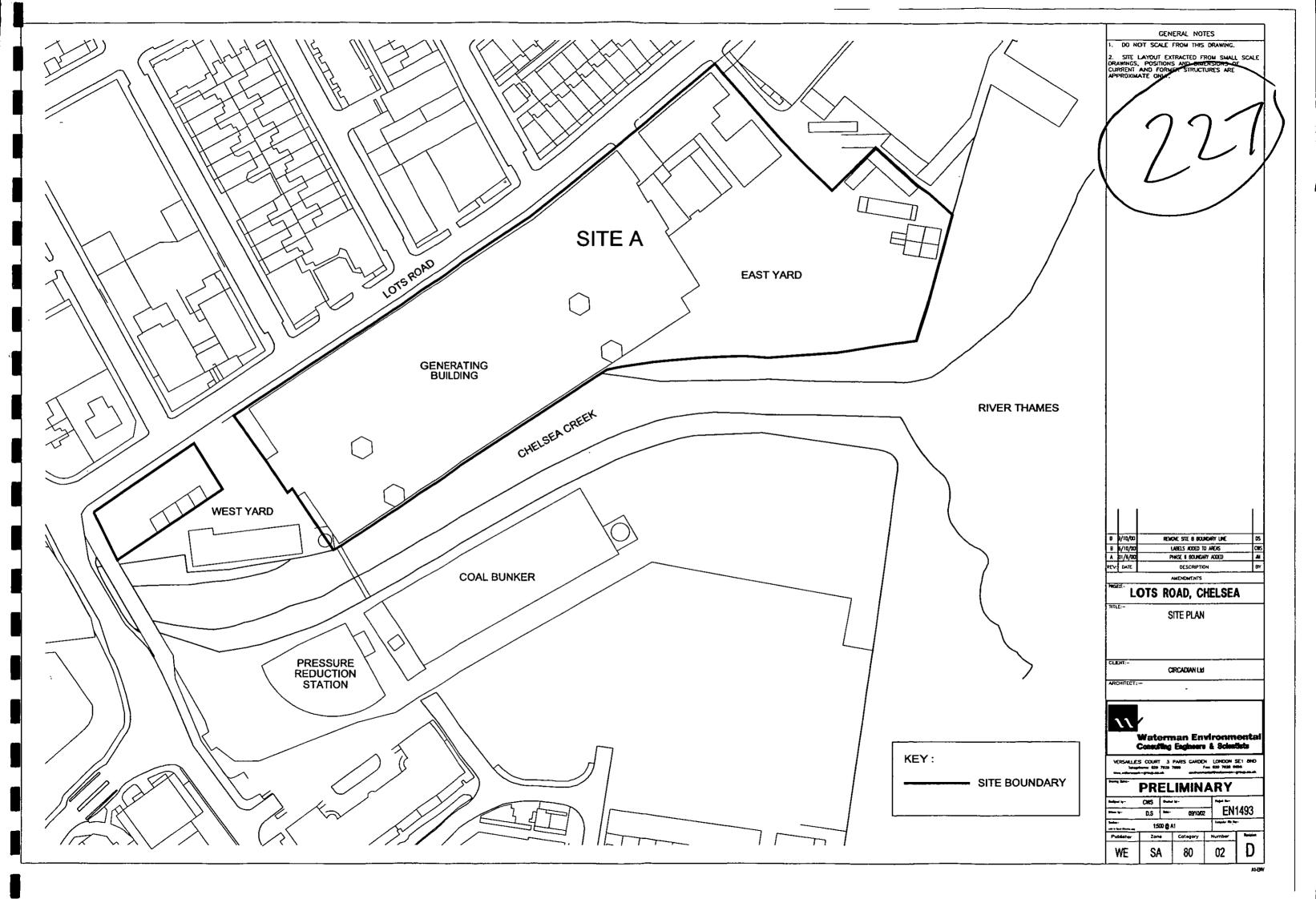
Title:- Lots Road Power Station Site Location Plan

Date:- October 2002

Scale:- N.T.S.









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Waterman International

Consulting Engineers

Waterman IT

Waterman Partnership Midlands

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2467

BOROUGH OF

KENSINGTON AND CHELSEA

20/11/2002

My reference: DPS/DCSW/JT

/PP/02/1324

Your reference: JWP/ip/PD5824

P/jp/PD5824 Please ask for:

Please ask for: John W Thorne

Dear Mr Pool

Town & Country Planning Act 1990 Lots Road Power Station SW10

I write with reference to your letter dated 28th October 2002 and enclosures setting out a proposed scheme to meet the Council's affordable housing requirements in the context of the above development. I would comment as follows on the details:

You will be aware of the views expressed at recent meetings between yourselves and Council Officers, that a higher ratio of RSL rented to RSL shared ownership units is desirable. I understand that you will be making some adjustment to this balance as agreed.

The Council's recently adopted Supplementary Planning Guidance on Housing seeks 10% of dwellings in new developments with ground floor or lift access to meet specified mobility standards making them adaptable for wheelchair occupiers. I enclose a copy for your information and seek your undertaking to address these standards.

The shared ownership element currently contains three 3 bedroom units which may be unaffordable to our priority groups.

The rental accommodation has a high proportion of 1 bedroom units. In order to meet housing needs my preference would be to see a mix of 10% 1 bedroom, 50% 2 bedroom, 30% 3 bedroom and 10% 4 bedroom rental units. Please advise me as to the balance of unit sizes which you intend to provide in the context of the development as a whole, including the land within the London Borough of Hammersmith & Fulham.

You have indicated your affordable housing offer is based on a TCI of 100%. I would wish to be reassured that this is both realistic, and consistent with the approach being taken to the Hammersmith and Fulham site.

My underlying concerns regarding the implications of service charges for affordability remain and I would appreciate any clarification you can offer in this respect including suggested provisions in a Section.106 undertaking.

I also anticipate receiving details of how you anticipate the eligibility requirements for the 'entry level' housing would be achieved through the S.106 agreement.

Finally, I note that the submitted schedule indicates 'typical' unit sizes for the accommodation, and that the figure for 1 bedroom 'entry level' housing falls below the minimum net floor space standard of 44.5sqm which is set out in the UDP Planning Standards Chapter. This issue has been referred to in a number of meetings and, for the avoidance of doubt, I feel bound to reiterate that a favourable recommendation will not be forthcoming for any scheme which includes residential units which fall below the minimum UDP standard for floor area.

I trust this information is of assistance and you will appreciate that I write without prejudice to any future decision of this Council's Planning Services Committee.

Yours sincerely

M J French
Executive Director, Planning & Conservation

& R



20 November 2002

Steve Davies Planning Department
London Borough of Kensington & Chelsea (Royal)
The Town Hall
Hornton Street
London
W8 7NX



Dear Mr Davies

KENSINGTON & CHELSEA/ HAMMERSMITH & FULHAM:

LOTS ROAD

I am writing to let you know that this project, will be on the agenda of the next meeting of CABE's design review committee, to be held on Wednesday 4 December 2002.

The project will be dealt with as a 30 minute presentation, which means that we are not asking you to attend the meeting.

We will send a letter setting out the committee's views about 10 - 14 days after the meeting.

Yours sincerely

Lesley Kates

design review team secretary

hasley Kater

e-mail lkates@cabe.org.uk

cc London Borough of Hammersmith & Fulham

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THE ROYAL **BOROUGH OF**

KENSINGTON AND CHELSEA

Chairman, Design Review Committee **CABE** The Tower Building 11 York Road London SE1 7NX

My reference: PC/CD/NJC

Your reference:

Please ask for: Mr. N. Corbett

Dear Mr. Finch

Paul Finch

LOTS ROAD

I write with reference to a letter from Lesley Kates, design review team secretary, dated 20th November 2002 addressed to Mr. Davies. Please note that Mr. Davies now works for the London Borough of Hammersmith and Fulham.

I note that the Lots Road project is on the agenda of the next meeting of CABE's design review committee, to be held on Wednesday 4 December 2002, and that no representative of this Council is invited to attend.

Members of the design review panel may find it helpful to know that we have, in a letter dated 19th September 2002, expressed the following concerns to the applicants with regard to the design of the Lots Road proposal:

Layout

In general terms, the layout does not appear to make the most of the potential of the RBKC part of the site. The square fronting the power station is likely to suffer from a poor sense of enclosure because of its size relative to the height and orientation of buildings. The public spaces abutting the River Thames are not defined by building frontages; as such they may suffer from a lack of surveillance and could be regarded as "left over" spaces. The built frontages should seek to provide greater surveillance over the whole of the public realm through elevation design and arrangement of uses. The combined effect of the buildings and open space should be to define a clear link from Lots Road to the River Thames.

Tall Building

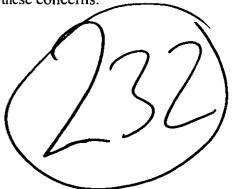
The height of the proposed tower remains inconsistent with the advice in the planning brief for the site and may be considered to contravene the provisions of UDP Policies CD4 and CD31. This aspect of the proposal is a matter of great concern to Councillors and local residents. The applicants have been asked to consider a reduction in height to no more than 25 storeys, reflecting that of the tower proposed for the Hammersmith and Fulham site and the heights of the buildings identified in the 'Cluster Diagram' on page 6 of the Environmental Statement Appendix A2.

The detailed design and choice of materials appears to be evolving and we follow this with interest.

I would be grateful if you could ensure that the panel members are aware of these concerns.

Yours sincerely

M J French Executive Director of Planning and Conservation



cc Montagu Evans

ENVIRONMENTAL SERVICES

COUNCIL OFFICES PEMBROKE ROAD LONDON W8 6PW

Executive Director MICHAEL STROUD BSc DipTE CEng FICE FIHT FIMgt Director of Environmental Health PAUL MORSE MSc MCIEH

> 020 7937 5464 Switchboard:

5716 Extension:

020 7341 5716 Direct Line: 020 7341 5645

Facsimile: Email: rebecca.jane@rbkc.gov.uk

Web: www.rbkc.gov.uk

2nd December 2002

KENSINGTON AND CHELSEA

My reference: RJ/CL.LTR/28.11.02 Your reference:

G/EN1493/367/PDS

Rebecca Jane

Mr J Marsh

Versailles Court

3 Paris Garden

London

SE18ND

Waterman Environmental

Lots Road - Risk Assessment and Remediation Strategy

Following our meeting on Wednesday 13th November you requested that we respond to the submitted documents as soon as we could. Please find below therefore our comments following the submission of the Risk Assessment and Remediation Strategy.

It is very important you realise that when you re-submit the information next month, I may require further changes to be made or additional information to be provided as I have not seen a copy of the latest site investigation reports. I therefore cannot totally approve the remediation strategy proposed when I have not, first hand, seen the investigation to show where the contamination is and what the levels of contamination are.

1.0 Introduction

'This report represents a preliminary qualitative and semi quantitative re-evaluation of the risk assessment for contamination at the site on the basis of the site re-development masterplan as submitted for planning approval, current guidance and legislation.' - Please explain why this is only a preliminary re-evaluation of the risk assessment. Does this mean that another version of this evaluation is to be submitted at some stage?

2.0 Summary of the Environmental Setting of the Site

'The coal pit/tank was subsequently demolished and in-filled on conversion of the power station to oil. The dock was also infilled.' - Do you mention in another document what it has been infilled with?

'Ground investigations have confirmed the local geology to comprise Made Ground overlying Alluvial clay etc...'.. Please mention the depth that each of these layers goes down to.

4.0 Limitations to existing investigations, P4

'The power station has, until November 2002, been operational and it has therefore not been possible to assess the site as comprehensively as necessary due to operational practicalities, This is particularly apparent within the footprint of the generating building, below the ancillary buildings to the north west of the site and beneath the footprint of the west yard of the pump house. Following shut down of the power station these areas will be completely investigated by a serried of trial pits and boreholes to establish the underlying ground conditions.' - When will this be undertaken? Please supply a copy of the proposed methodology.

Dear John

7.1 Soil Contamination

'Current site proposals include the provision of a basement car park almost completely beneath the power station with a double level carpark beneath the land to the east of the power station including beneath the proposed buildings and tower to the east. The basement construction will therefore necessitate the excavation, and disposal off-site of a considerable amount of made ground. — Please confirm that this will be to a depth of 5 metres as stated later in the text on P9. Also, how large an area will this cover?

'Contamination associated with this depth of made ground will be removed from site and disposed of in an appropriate manner in accordance with relevant Duty of Care legislation.' - Please give an indication of the contamination associated with this depth of made ground.

'Any uncontaminated soil will be re-used on site, sold for use at other sites, or disposed of site to a licensed facility.' - Please explain how the soil will be shown to be uncontaminated - what sampling methodology will be used? Please confirm that only uncontaminated soil will be sold for use off-site.

'Following construction of buildings, hard cover and car parks, the potential source of the contaminants will either have been removed or be encapsulated by the hardstanding and underlying clayey alluvial layer.' — Please confirm that the completion report will detail how much material has been removed, how it has been disposed of and what contamination has been left in place and why.

'Areas beneath the floor plan of the generating building, ancillary buildings and within the west yard that have not been adequately investigated due to the operational status of the Power Station. These will be fully investigated during the decommissioning/post decommissioning to establish the underlying environmental conditions. All proposals will be submitted to the local authority and Environment Agency for approval.' - We look forward to seeing the proposed methodology and would like to accompany you on site when this is undertaken.

7.2 Human Risk, (P9)

'All landscaped areas will be contained within engineered pits appropriate to the conditions and plants established and soil imported will comply with the CLEA values and ICRCL values.' — Please give further details on these engineered pits — how will they be constructed? Also, please include a list of the criteria for the imported material within this document.

7.3 Validation Testing, (P9)

'Any samples that fail the appropriate criteria will be re-excavated and re-tested until they pass the relevant criteria.' – Please give a list of what this criteria is. We would like to receive copies of all results so that we can monitor what is going on at the site.

7.4 Groundwater, P10

'During construction works any near surface perched groundwaters will be intercepted and precautions will be put in place to ensure that this is prevented from migrating either into the underlying River Terrace Gravel Deposit aquifer or the River Thames.'— How will it be intercepted and what precautions will be put in place to prevent its migrations?

'Additional site investigations within areas that have not been fully assessed will also sample the water from the Terrace Gravels. The groundwater condition will be re-evaluated following these works and a full risk assessment undertaken to assess the impact on the local receptors. This will be submitted for approval to the Local Authority and EA and any remedial measures considered necessary will be agreed and implemented.' - We look forward to receiving this, for as I have said previously, we believe that groundwater will be a particular issue for this development. You are of course aware that your Environmental Statement highlights the CIRIA document 'engineering implications of rising groundwater levels in the deep aquifer beneath London.' This document places the site within the critical area for exceptional structures i.e. structures with basements deeper than about 20m and other

structures whose foundations extend to between 30 and 50m below ground level. Please confirm whether you have consulted our Building Control Department yet?

The Environmental Statement also states that the deep basements on site A will result in a local sed diversion of lateral groundwater flow within the Terrace Gravel. Has this yet been drawn to the attention of the Environment Agency and if so, what was their response?

7.5 Ground Gas

'On the basis of existing limited results a passive venting system is proposed to protect future residents of the site. However, where properties are constructed over basement car parks, which is most of the site except Block KC4, the ventilation requirements of the car parks to remove exhaust fumes, carbon monoxide, will be greatly in excess of the ventilation required due to the ground gas. In these car park areas, gas protection measures are therefore not considered necessary.' - As requested in the meeting, please could you explain in more detail how the ventilation systems will work. We look forward to seeing the final gas assessment when it has been undertaken.

Other issues

Asbestos

Please explain what measures will be put in place if asbestos is unexpectedly found.

Completion Report

Please give details about what you will include in your completion report.

Environmental Monitoring

Please give details of what environmental monitoring you propose to undertake on site, for example, dust, noise, groundwater, soil gasses etc.

Timescales

How long is the remediation likely to last. We would ideally like to meet up regularly on site whilst it is ongoing, and will also require regular written progress reports so that we know exactly what is occurring each week, and whether or not any problems have arisen.

Hazardous Materials

If at any time during the remediation works you anticipate using a potentially hazardous substance for the purposes of remediation, for example, quick lime for de-watering purposes, please would you advise us.

If you would like to discuss any of the above, then please do not hesitate to contact me.

Yours sincerely

Rehecca Jane

Environmental Scientist

Environmental Quality Unit.

blint p.c. ach) JT

FAX

MONTAGUEVANS

CIARTERED SURVEYORS

Fremier House

44-48 Dover Street

London W1X 4JX

Tel: 020 7493 4002

Fax: 020 7312 7548

To:

John Thome Esq.

Paul Entwhistle Esq.

Company: RBKC - 020 7361 3463

LBHF - 020 8753 3485

Fax:

From:

Archie Avery

Telephone: 0207 493 4002

Date:

05 December 2002

Pages:

3

Subject:

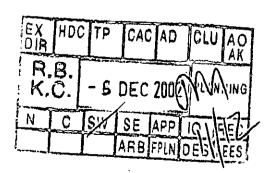
Lots Road Power Station

Please find attached a list of the external statutory consultees. This list contains the same consultees that were formally notified of the applications submitted in June 2002.

Please could you confirm that the list contains the requisite consultees. If any consultees have been omitted / or you require additional consultees to be notified, I would appreciate a quick response in order to calculate the number of the plans and documents required.

Yours sincerely

Archie Avery



This message is sent for the attention of the addressee only and may contain confidential, private or privileged information. These contents should not be disclosed to anyone other than the addressee. If there is an error in transmission you are requested to preserve this confidentiality and to advise the sender immediately.

December 2002

Lots Road Power Station Planning Application

MONTAGU EVANS

List of statutory and non-statutory external consultees

All consultees to receive:

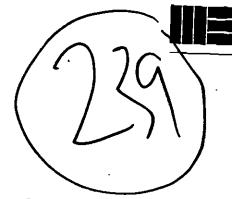
- Application forms
- Non technical summary
- Environmental Statement
- Plans (size given below)
- Full list of appendices



• • • • • • • • • • • • • • • • • • • •	•	
Consultee	Address	Plan Size
City of Westminster	Development Planning Services, PO Box 240, Westminster City Hall, 64 Victoria Street, SW1E 6QP	A0
Wandsworth	Planning Department, Town Hall, Wandsworth High Street, SW18 2PW	A0
Richmond upon Thames	Environmental Protection, Civic Centre, Twickenham, TW1 3BZ	A0
Lambeth	Planning and Development Control, Acre House, 10 Acre Lane, SW2 5SG	A0
The Countryside Agency	London Office, Dacre House, 19 Dacre Street, London, SW1H 0DH	A3
English Heritage (Built Environment)	Dr Rory O'Donnell, Kensington and South London Team, Room 102A, 23 Saville Row, London, W1S 2ET	A0
English Hentage (Archaeology)	Catherine Kavanagh, 23 Saville Row, London, W1S 2ET	A0
English Nature	Alex Machin, Ormond House, 26/27 Boswell Street, London, WC1N 3JZ	A3
Thames Water	Mr N. Bokuli, Development Control Co- ordinator, Maple Lodge, Denham Way, Maple Cross, Rickmansworth, WE3, 9SQ	A3
Health and Safety Executive	Construction Department, St Dunstan's House, 201-211 Borough High Street, London, SE1 1GZ	A3
The Environment Agency	Apollo House, 2 Bishops Square Business Park, St Albans Road West, Hatfield, HERTS, AL10 9EX	A0
Transport for London	Tanya Bailey, 10th Floor, Windsor House, 42-50 Victoria Street, London, SW1H 0TL - 2 Copies	A0
CABI	Peter Stewart, The Tower Building, 11 York Road, London, SE1 7NX	A0
GLA	Hannah Elliot, Planning Decisions Unit, Romney House, Marsham Street, London, SW1P3PY	A0
Highways Agency	Correspondence Unit, Room 13/14, St Christopher House, Southwark Street, London, SE1 0TE	AB
Port of London Authority	Bill Wooodward, Licensing Officer, London River House, Royal Pier Road, Gravesend, Kent,	A 3

Page 1 of 2

			/
	DA12 2BG		
Railtrack plc	Legal Secretariat, Railtrack Headquarters, Euston Square, London, NW1 2EE	A3	
Glen Duggan CPDA	Chelsea Police Station, 2 Lucan Place, London, SW3 3PB	A3	
Ian Halden CPDA	Fulham Police Station, Heckfield Place, London, SW6 5NL	A3	
Civil Aviation Authority	Aerodrome Saseguard, Aerodrome Standards Department, Aviation House, Gatwick Airport South, West Sussex, RH6 0YR	A0	
Westminster Society	Peter Handley, 41 The Gardens, East Dulwich, London, SE22 9QG	A3	
Government Office for London	Planning, 9th Floor, Riverside Walk, 157-161 Millbank, London, SW1P 4RR	A0	
Hammersmith and Fulham Primary Care	5-7 Parsons Green, London, SW6 4UL	A3	



MONTAGU **EVANS**

CHARTERED SURVEYORS

Premier House 44-48 Dover Street London W1X 4JX Tel: 020 7493 4002 Fax: 020 7312 7548

PLANNING

To:

John Thorne Esq.

Paul Entwhistle Esq.

Company: RBKC - 020 7361 3463

LBHF - 020 8753 3485

Fax:

From:

Archie Avery

Telephone: 0207 493 4002

Date:

29 May 2002

Pages:

2

Subject:

Lots Road Power Station

Below is a list of the statutory and non-statutory external consultees. Could you confirm that the list below includes all the consultees you require us to notify.

l. • London Borough of Hammersmith and Fulham ACK 3/7

- --- Royal Borough of Kensington and Cheisea
- · City of Westminster Ack 16/7
- 4. London Borough of Wandsworth
- 5. London Borough of Richmond
- 6. • London Borough of Lambeth 1266 25/7 No 0B
- 7. • The Countryside Agency Rec 23/7/02 No oB
- English Heritage (Built Environment) 8.
- 9. •English Heritage (Archaeology)
- 10. •English Nature DEC 3/7/02
- 11. •Thames Water — G
- Health and Safety Executive REC 27/6/02
 The Environment Agency (LGC 29/7/02 OBJ 12.
- 13.
- 14. Transport for London
- *Commission for Architecture and the Built Environment (CABE) PGC 26/7/02 SOPPART 15.
- · Greater London Authority (GLA) Rec 5/2/02 SUP 16.
- 17. Highways Agency
- REC 10/7/02 18. Port of London Authority
- 19. Crime Prevention Officer - Chelsea Police
- 20. Crime Prevention Officer - Fulham Police
- 21. Railtrack
- Civil Aviation Authority 22.
- •Government Office for London (GOL) Ack 3/7/02

24 CPRG REC 17/7/02 OBJ
We formally consulted The London Ecology Unit for the last application but they have now merged with the GLA, so don't require independent consultation.

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aterman Environmental

Consulting Engineers & Scientists

Our ref: Your ref: EN1493/C/379JM/JMcN

Direct fax: Direct email: 020 7928 0656

j.r.marsh@waterman-group.co.uk

cember 200 11 D

Deborah Simons Environment Agency Apollo House

2 Bishops Square Business Park St Albans Road West

Hatfield

AL10 9EX

DEC SOOS

13 DEC 2002

REPLY

Dear Deborah

Chelsea Creek, EA Reasons for Objection 2 and 3

Further to our meeting of last week and your subsequent e-mail I am pleased that the Agency is now satisfied that there is no engineering reason why access to the proposed flood defences for maintenance can not be achieved.

For the record I confirm the following points:

- At the base of block HF1 adjacent to the creek it is confirmed that there was not to be an obstruction or a feature that would prevent vehicle movement or restrict vehicle headroom (previously thought to be a plinth at first floor level), this was noted to be a landscaping feature. This will ensure that there would be unrestricted areas around the base of the tower, providing a minimum width of 4.8m at that point. / /
- Similar issues were discussed at the foot of KC1. The line of the building is shown on drawing LRTW-3/PA/06-002 A to be 5m from the river wall but a secondary dashed line is shown at its closest 2m from the river wall. It is confirmed that this does not represent a structure that limits or restricts vehicle access or restrict vehicle headroom at ground level.
- It is noted that path gradients were defined in the addendum ES and that they were generally set at a gradient for wheelchair use and would not therefore restrict vehicle access.
- It was noted that trees should be positioned at locations that do not restrict vehicle access or if this is not desirable (for landscaping reasons) that they are placed in movable planters. Following your email confirmation that this issue could be conditioned we would suggest a condition to include wording along the following lines: 'No landscaping works approved by this permission shall be commenced until the layout and positioning of trees or other substantial-landscaping features, whose location could restrict the reasonable access for maintenance of flood deferices, has been agree the Environment Agency'.

Versailles Court 3 Paris Garden London SE1 8ND

t 020 7928 7888 f 020 7928 0656 e environmental@waterman-group.co.uk www.waterman-group.co.uk

Directors: Robert H. Campbell BSc CEng MICE MIStructE Simon Handy (MD) BSc(Hons) CEng MICE Alistair M. A. Datziel BSc MBA CdipAF MCIM David R. Thomson BSc(Hons) MSc AIEMA Alex B. Tosetti BSc MSc MCIOB IEng AMICE AIEMA Graham R. Hiscocks (Financial) BA(Hons) ACA Regional Directors: David R. Brown BSc(Hons) MSc Andrew Ferguson BSc(Hons) MRICS EARA David Hobson BTech CEng MICE MIHT Director of Special Projects: John Whitham MMS MIEM Associates: John R. Marsh BSc(Hons) MSc FGS Consultant: Ann Heywood BSc(Hons) FRICS FRGS MIMgt

Waterman Group Offices: Birmingham Bishop's Stortford Bristol Cardiff Cirencester Cork Dublin Dundee Edinburgh Glasgow Harpenden Leeds Lingfield Lockington London Manchester Moscow Newcastle Sheffield Sollhull Southampton Sydney Warrington Warsaw Waterman Environmental Limited Registered in England Number 2537063 Registered Office Pickfords Wharf Clink Street London SE1 9DG



I trust that this now resolves all the issues relating to the access to flood defences and Reasons 2 and 3 of your previous objection and I look forward to receiving your written confirmation.

Yours sincerely

John Marsh

For and on behalf of Waterman Environmental

CC Andrew Locke

Jim Pool

Lenny Davis lan Blackburn

Paul Entwistle

Circadian

Montagu Evans

Environment Agency Environment Agency

London Borough of Hammersmith and Fulham John Thorne Royal Borough of Kensington and Chelsea

■ Glasgow

■ Edinburgh

PR021324



ble in + peace > JT

AA/jb/PD5824

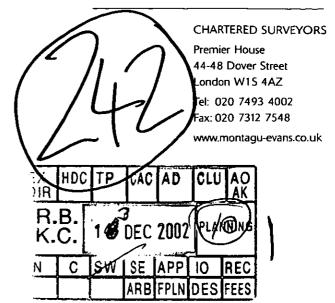
12 December 2002

The Royal Borough of Kensington & Chelsea Planning Department, Town Hall

Hornton Street London W8 7NX

FAO: John Thorne Esq

COPY OF PLANS
TO INFORMATION
OFFICE PLEASE



Dear Sirs

LOTS ROAD POWER STATION DEVELOPMENT AMENDMENT TO PLANNING APPLICATION REF: 02/01324

Further to detailed discussions with members of your Council, please find enclosed a series of alterations to the current application (ref: 02/01324).

This planning application was submitted on 7 June 2002 and proposed a mixed used development involving the retention of the power station building, three new buildings and works to Chelsea Creek and Chelsea Basin, including the construction of three new bridges over the Creek. On 30 August 2002 a series of amendments to this current planning application were submitted containing alterations to Chelsea Creek to address comments by the Environment Agency. The alterations to Chelsea Creek were relatively minor and were incorporated into an addendum to the Environmental Statement that accompanied the application submitted on 7 June 2002.

We are now proposing further amendments to the planning application in order to address a number of issues raised by the Borough during the application process.

The principal changes to the application are as follows:

- The height of block KC1 has been reduced from 30 to 25 storeys.
- The provision of affordable housing units has increased from 146 to 166 units. This equates to 40% of the total number of units being affordable. Further to discussions with your housing department, the proportion of affordable housing has been altered increasing the number of RSL rented units to 144.
- The number of private units has been reduced to 254 units.
- A number of design alterations are proposed to Blocks KC1, KC2 and KC4.

\\dilbert\data\planning\ama\pd5824 lots road\dec02\l- rbkc thorne2 1012.doc **PARTNERS** SECRETARY R G Thomas K.J. Mitchell R P Woodman S E Knight Claire Treano S J Fricker **ASSOCIATES** P A Dempsey CONSULTANTS W C O'Hara R P Posner P B Grant G Howe J G Anderson T J Earl D H Taylor N J R Braybrook C A Riding Sarah Donovar A H Wood Louise Younger R A Clarke D W Graham P E Henry P K Young J Askham M J Kerr H A Rutherford C M M Whyte A R McRitchie T J Raban N P Goodman S M Cunliffe R F Durman J P A Forsyth M J Knight T P Watkins A J Simmonds G C Essex Lisbeth Dovey L Ewan Joanna Fone J B Hermiston N D Dryburg S R W Harris N P How D A McCron M E Kut P I Wise M Phillpotts D A M Reid C W Rowbotham H W Morgan I D MacLeod A D Munnis R J Cohu M A C Higgin



Reconfiguration of the proposed public open spaces.

There is no proposed change in the quantum of commercial and retail floorspace or the number of car parking spaces provided at basement level.

The scale and nature of these proposed alterations and the fact that a new application is being submitted to the London Borough of Hammersmith and Fulham at the same time has resulted in a new Environmental Statement being prepared that considers the environmental implications of the scheme as a whole

Accordingly, please find enclosed the following information in support of these proposed alterations to the current planning application:

- 1. 10 copies at size A3 and 5 copies at size A0 of the planning application drawings prepared by Terry Farrell and Partners (see attached drawing schedule).
- 2. 15 copies of the Environmental Statement
- 3. In pursuance of Regulation 14 of the Town and Country Planning (Environmental Impact Assessment) Regulations 1999, one copy of a public notice placed in the Kensington Informer dated 6 December 2002. We also certify that a Notice has been left on site for not less than 7 days in the 28 days immediately proceeding the date of submission.

As you are aware, we have notified a previously agreed list of statutory and non statutory consultees of these proposed alterations. Each consultee has received a copy of the planning application covering letter, planning application drawings and a copy of the Environmental Statement.

Copies of the Environmental Statement will be available for sale. The suggested price for a full Environmental Statement is £350. This includes a full set of appendices including the detailed contamination reports associated with the development (option A). The Environmental Statement minus the detailed contamination report (option B) is available for £300. The Non Technical Summary will be available at no charge.

Whilst we have submitted 15 copies of the Environmental Statement, with 5 sets of option B and 10 sets of option A, further copies of the Environmental Statement will be available from Circadian's offices, c/o Taylor Woodrow Capital Developments, 4 Dunraven Street, London W1K 7FB (contact Louise Nicholson).

We trust this is sufficient information with which to consider these proposed alterations to the current application. However, if you require any further information please do not hesitate to contact Jim Pool of this office.

Yours faithfully

MONTAGU EVANS

Enc.

■ Glasgow

Edinburgh

JWP/jb/PD5824

12 December 2002

The Tow/ Clerk

The Royal Bordagh of Kensington & Chelsea

Town Hall

Hornton Street

London

W87NX

13 DEC 2000



CHARTERED SURVEYORS

Premier House 44-48 Dover Street London W15 4AZ

Tel: 020 7493 4002 Fax: 020 7312 7548

www.montagu-evans.co.uk

Dear Sirs

LAND AT LOTS ROAD POWER STATION, CHELSEA CREEK AND LAND AT THAMES AVENUE, CHELSEA HARBOUR DRIVE, LONDON SW10 PLANNING APPLICATION

We enclose on behalf of our client, Circadian Ltd, a Notice served under the Town and Country (Planning) Act 1990 in connection with our client's proposals for the redevelopment of the Power Station site.

The Notice is served in connection with the planning application to develop the element of the site within the London Borough of Hammersmith and Fulham that was submitted to the Council offices with accompanying Environmental Statement on 12 December 2002.

We trust that you find these Notices to be in order. If you would like to discuss the contents of this application in more detail please contact Jim Pool of this office.

Yours faithfully

MONTAGU EVANS

Enc.

PARTNERS R G Thomas W C O'Hara C A Riding M J Kerr T P Watkins S R W Harris

A C W Rowbotham

K J Mitchell R P Posner P B Grant H A Rutherford C M M Whyte A J Simmonds N P How D A M Reid

R J Cohu

R P Woodma S J Waugh G S Davey A R McRitchie R V Bower D A McCrory R M Philipotts P J Mason

M A C Higgin

G Howes N P Law T I Rahan M J Knight G C Essex M E Kut M Gudaitis IS Clark

G H J McGonigal

Claire Treano J G Anderson T J Earl R A Clarke D W Graham P E Henry H W Morgan

S J Fricker Louise Younger M J Whitfield Lisbeth Dovey N D Dryburgh W A Scott

ASSOCIATES Sarah Donovan P K Young J Askham L Ewan P J Wise A Kearey I D MacLeod

p:\arma\pd5824 lots road\dec02\noticeletrbkc101202.doc P A Dempsey CONSULTANTS J Drew A H Wood D H Taylor N J R Braybrook R F Durman J P A Forsyth J 8 Hermiston N P Goodman S M Cunliffe Joanna Fone

A D Munnis

SECRETARY

SCHEDULE 2 PART 1

Town and Country Planning Act 1990 (as amended)

Town and Country Planning (General Development Procedure) Order 1995

Town and Country Planning (Environmental Impact Assessment) Regulations 1999

NOTICE UNDER ARTICLE 6 OF APPLICATION FOR PLANNING PERMISSION

Proposed development of land at Lots Road Power Station, Chelsea Creek and land at

Thames Avenue, Chelsea Harbour Drive, London SW10

I give notice that Circadian

is applying to the London Borough of Hammersmith and Fulham

for planning permission for the: "demolition of the existing power station buildings and

redevelopment to provide residential accommodation and ancillary car parking and associated works to Chelsea Creek and Chelsea Basin, including the construction of

three bridges over the Creek."

Any owner* of the land or tenant** who wishes to make representations about this application should write to the London Borough of Hammersmith and Fulham, Environment Department, Hammersmith Town Hall, King Street, London W6 9JU within 21 days beginning with the date of service of this notice.

Signed:

On behalf of: Circadian Ltd

Date: 12 December 2002

Motory bens

* "owner" means a person having a freehold interest or a leasehold interest the unexpired term of which is not less than seven years, or, in the case of development consisting of the winning or working of minerals, a person entitled to an interest in a mineral in the land (other than oil, gas, coal, gold or silver).

** "tenant" means a tenant of an agricultural holding any part of which is comprised in the land.

Statement of owner's rights

The grant of planning permission does not affect owner's rights to retain or dispose of their property, unless there is some provision to the contrary in an agreement or in a lease.

Statement of agricultural tenant's rights

The grant of planning permission for non-agricultural development may affect agricultural tenant's security of tenure.

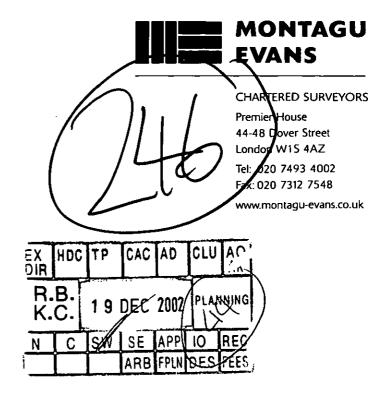
- City of London
- Glasgow
- Edinburgh

AA/jb/PD5824

18 December 2002

The Royal Borough of Kensington & Chelsea Planning Department, Town Hall Hornton Street London W8 7NX

FAO: John Thorne Esq



Dear Sirs

LOTS ROAD POWER STATION DEVELOPMENT AMENDMENT TO PLANNING APPLICATION REF: 02/01324

Further to the submission of amendments to the current planning application ref: 02/01324, please find enclosed ground floor plan reference: LRTW4/PA/03-003. The ground floor plan submitted on the 12 December 2002 was incorrectly referenced as LRTW4/PA/04-003, hence the enclosed drawing supersedes that drawing.

Accordingly, please find enclosed 10 copies of the drawing at size A0 and 5 copies of the drawing at size A3. To prevent the bound size A3 drawings being recalled in light of this amendment we would appreciate you substituting this drawing within the five sets you have received. Also enclosed is a revised drawing schedule, which correctly references all the submitted drawings. Again please disregard the drawing schedule submitted on the 12 December 2002.

For your information the drawings sent to the agreed consultation list have also been amended accordingly. We also enclose a set of the covering letter sent to each of the agreed consultees.

We trust this is sufficient information with which to consider these proposed alterations to the current application. If you require any further information please do not hesitate to contact Jim Pool of this office.

Yours faithfully

MONTAGU EVANS

Enc.

ASSOCIATE juma pd 5824 lots road/dec02\cohistleras ir mendalec kettadoc **PARTNERS** R G Thomas W C O'Hara K J Mitchell R P Woodman S E Knight Claire Treanor S J Fricker T J Masterman A H Wood D H Taylor N J R Braybrook 5 M Wilson Sarah Donovan J Askham N P Goodman S M Cun≛ffe R P Posner P B Grant A P Richardson R F Durman T J Earl Louise Younger C A Riding M J Kerr 5 L Thomas H A Rutherford C M M Whyte A R McRitchio T J Rabar R A Clarke L Ewan P J Wise Joanna Forne J P A Forsyth
J B Hermiston D W Graham P E Henry Rachel Gee 5 M McDonald M J Whitfield A Kearey I D MacLeod G C Esse T P Watkins A J Simmonds N D Dryburgh S R W Harris D A McCron N P How A D Munnis G M Skekey H W Morgan J N Stephenson A Dempsey Christine Blair A C W Rowbotham G H J McGonigal J W Pool J Drew

CIRCADIAN LOTS ROAD POWER STATION DEVELOPMENT AND LAND AT THAMES AVENUE

20 December 2002

Page 1 of 3

Drawing Schedule for Planning Application submitted to LBHF on the 12 December 2002 and amendments to the current planning application submitted to RBKC on 7 June 2002

Drawing Issue Sheet

REVISION 2

Key:

HF/KC	Drawings formally submitted to both boroughs.
HF	Drawings formally submitted to London Borough of Hammersmith & Fulham.
KC	Drawings formally submitted to Royal Borough of Kensington & Chelsea.

Dwg No.	Title	Size	Scale	Borough
LRTW4/PA/03-001	SITE:EXISTING BUILDINGS + BOUNDARIES	Α0		HF/KC
LRTW4/PA/03-002	SITE PLAN: ROOF	Α0	1:1000	HF/KC
LRTW4/PA/03-003	SITE PLAN: GROUND FLOOR	A 0	1:1000	HF/KC
LRTW4/PA/04-001	CONTEXT ELEVATION RIVERSIDE	A0	1:500	HF/KC
LRTW4/PA/04-002	CONTEXT ELEVATION SOUTH SIDE / NORTH	A0	1:500	HF
LRTW4/PA/04-003	LONG SECTION THROUGH POWER STATION	A0	1:500	HF/KC
LRTW4/PA/04-004	BLOCK HF3, HF5 SOUTH ELEVATION	A0	1:500	HF/KC
LRTW4/PA/04-005	LOTS ROAD ELEVATION	A 0	1:500	KC
LRTW4/PA/04-006	SECTION THROUGH POWER STATION	A 0	1:500	KC
LRTW4/PA/04-007	BLOCK KC1, KC2, KC3, SOUTH	A 0	1:250	KC
LRTW4/PA/05-001	ROOF PLAN	A 0	1:400	KC
LRTW4/PA/05-002	PLAN BASEMENT -2	A 0	1:250	KC
LRTW4/PA/05-003	PLAN BASEMENT -1	A 0	1:250	KC
LRTW4/PA/05-004	PLAN GROUNDFLOOR	A 0	1:250	KC
LRTW4/PA/05-005	PLAN LEVEL 1	$\mathbf{A}0$	1:250	KC
LRTW4/PA/05-006	PLAN LEVEL 2	A 0	1:250	KC
LRTW4/PA/05-007	PLAN LEVEL 3	A 0	1:250	KC
LRTW4/PA/05-008	PLAN LEVEL 4	A 0	1:250	KC
LRTW4/PA/05-009	PLAN LEVEL 5	A 0	1:250	KC
LRTW4/PA/05-010	PLAN LEVEL 6	A 0	1:250	KC
LRTW4/PA/05-011	PLAN LEVEL 7	A 0	1:250	KC
LRTW4/PA/05-012	PLAN LEVEL 8	A 0	1:250	KC
LRTW4/PA/05-013	PLAN LEVEL 9	A 0	1:250	KC
LRTW4/PA/05-014	PLAN LEVEL 10	Α0	1:250	KC
LRTW4/PA/05-015	PLAN LEVEL 11	A0	1:250	KC
LRTW4/PA/05-016	PLAN LEVEL 12	A 0	1:250	KC

		/			20 De
LRTW4/PA/05-017		PLAN LEVEL 13	Α0	1:250	KC
LRTW4/PA/05-018		BLOCK KC1 LEVELS	A0	1:250	KC
LRTW4/PA/05-019		ROOF PLAN	Α0	1:250	KC
		\			
LRTW4/PA/06-020		PLAN BASEMENT -1	Α0	1:250	HF
LRTW4/PA/06-021		PLAN GROUNDFLOOR	A0	1:250	HF
LRTW4/PA/06-022		PLAN LEVEL 1	Α0	1:250	HF
LRTW4/PA/06-023		PLAN LEVEL 2	Α0	1:250	HF
LRTW4/PA/06-024		PLAN LEVEL 3	Α0	1:250	HF
LRTW4/PA/06-025		PLAN LEVEL 4	Α0	1:250	HF
LRTW4/PA/06-026		PLAN LEVEL 5	Α0	1:250	HF
LRTW4/PA/06-027		PLAN LEVEL 6	Α0	1:250	HF
LRTW4/PA/06-028		PLAN LEVEL 7	Α0	1:250	HF
LRTW4/PA/06-029		PLAN LEVEL 8	A0	1:250	HF
LRTW4/PA/06-030		PLAN LEVEL 9	A0	1:250	HF
LRTW4/PA/06-031		PLAN LEVEL 10	A0	1:250	HF
LRTW4/PA/06-032		BLOCK HF1 LEVELS	Α0	1:250	HF
LRTW4/PA/06-033		HF ROOF PLAN	Α0	1:250	HF
LRTW4/PA/07-001		BLOCKS KC1, KC2	Α0	1:250	KC
LRTW4/PA/07-002		BLOCK HF5 SECTION	Α0	1:100	KC
LRTW4/PA/07-003		BLOCK HF3 SECTION	Al	1:100	HF
LRTW4/PA/07-004		BLOCK HF1 SECTION	Αl	1:100	HF/KC
LRTW4/PA/07-005		BLOCK HF4 SECTION	Αl	1:100	HF
LRTW4/PA/07-006		BLOCK HF2 SECTION	Αl	1:100	HF
LRTW4/PA/08-101		BLOCK HF1 BUILDING ELEVATIONS	A 0	1:250	KC
LRTW4/PA/08-102		BLOCK KC2 BUILDING ELEVATIONS	A 1	1:250	KC
LRTW4/PA/08-103		BLOCK KC3 BUILDING ELEVATIONS	A 0	1:250	KC
LRTW4/PA/08-104		BLOCK KC3 DETAILED ELEVATIONS	A 0	1:100	KC
LRTW4/PA/08-105		BLOCK KC4 BUILDING ELEVATIONS	Αl	1:250	KC
LRTW4/PA/08-106		BLOCK KC1 BUILDING ELEVATIONS	Al	1:250	HF
LRTW4/PA/08-107		BLOCK HF2 BUILDING ELEVATIONS	A1	1:250	HF
LRTW4/PA/08-108		BLOCK HF4 BUILDING ELEVATIONS	A 1	1:250	HF
LRTW4/PA/08-109		BLOCK HF5 BUILDING ELEVATIONS	A1	1:250	HF
LRTW4/PA/08-110		BLOCK HF3 BUILDING ELEVATIONS	A1	1:250	HF
LRTW4/PA/08-111		BLOCKS HF3 BUILDING ELEVATIONS	A1	1:250	HF
RANDLE SIDDELEY	& AS	SOCIATES DRAWINGS			
589/01	В	LANDSCAPE MASTERPLAN	A1	1:400	HF/KC
589/02	В	LANDSCAPE ROOF PLAN	A1	1:400	HF/KC
589/03	В	HARD LANDSCAPE MASTERPLAN	Al		HF/KC

						PAVE 1
589/04	В	SOFT LANDSCAPE MASTERPLAN	Al		HF/KC	rage 3
589/05	В	SECTION SHEET 1	A3	1:50	HF/KC	
589/06	В	SECTION SHEET 2	A3	1:50	HF/KC	
589/07	В	SECTION SHEET 3	A 3	1:50	HF/KC	
589/08	В	SECTION SHEET 4	A 3	1:50	HF/KC	
589/09	В	SECTION SHEET 5	A3	1:50	HF/KC	
589/10	В	SECTION SHEET 6	A 3	1:50	HF	
589/11	В	SECTINO SHEET 7	A 3	1:50	HF	
589/12	В	SECTION SHEET 8	A 3	1:50	HF	
589/13	В	SECTION SHEET 9	A 3	1:50	HF	
589/14	В	SECTION SHEET 10	A 3	1:50	HF	
589/15	В	SECTION SHEET 11	A 3	1:50	HF	
589/16	В	SECTION SHEET 12	A 3	1:50	HF	
589/17	В	Paving RBKC main plaza landscape plan	A3	1:200	HF	
589/18	В	PAVING DETAILS (1)	A 3	Var	HF	
589/19	В	PAVING DETAILS (2)	A 3	Var	HF	
589/20	В	PAVING DETAILS (3)	A3	Var	HF	
589/21	В	ROOF GARDEN DETAILS	A3	Var	HF	
	В	IMAGE BOARDS	A 3			



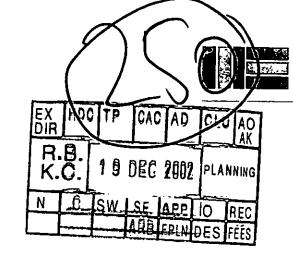
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18 December 2002

City of Westminster
Development Planning Services
PO Box 240
Victoria Street
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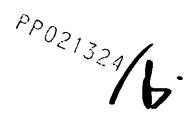
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Dear Sirs

LOTS ROAD POWER STATION AND LAND AT THAMES AVENUE, CHELSEA HARBOUR DRIVE, LONDON, SW10

Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999

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PARTNERS						ASSOCIATES	p \ama\;	od5 &3drkstricead/de c0	2\\ 02:cpqdflQ\ 202 doc
R G Thomas	K J Mitchell	R P Woodman	S E Knight	Claire Treanor	S J Fricker	T J Masterman	A H Wood	D H Taylor	S M Wilson
W C O'Hara	R P Posnei	S J Waugh	G Howes	I G Anderson	A P Richardson	Sarah Donovan	N P Goodman	N J R Braybrook	
C A Riding	P B Grant	G S Davey	N P Law	T J Earl	Louise Younger	J Askham	S M Cuntifle	R F Durman	
M J Kerr	H A Rutherford	A R McRitchie	T J Raban	R A Clarke	R Seweli	L Ewan	Joanna Fone	J P A Forsyth	
S L Thomas	C M M Whyte	1.1 Michie	M J Knight	D W Graham	M J Whitfield	P J Wise	Rachel Gee	J B Hermiston	
T P Watkins	A J Simmonds	R V Bower	G C Essex	P E Henry	Lisbeth Dovey	A Kearey	S M McDonald	J C Pagella	
S R W Harris	N P How	D A McCrory	M E Kut	B J Collins	N D Dryburgh	1 D MacLeod	A D Munnis	G M Skelcey	
1 T Bailey	R D Harvey	R M Philipotts .	M Gudaitis	M R P Gibbs	W A Scott	Diane Rider	Sarah Yeoman		
A C W Rowbotham	D A M Reid	P J Mason	I S Clark	H W Morgan	J N Stephenson	P A Dempsey	Christine Blair		
P T H Lowne	R 1 Cohu	M.A.C. Higgin	G H J McGonigal	J W Pool		J Drew			

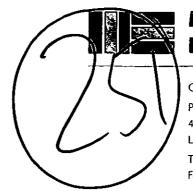
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18 December 2002

London Borough of Wandsworth Planning DepartmentTown Hall Wandsworth High Street London SW18 2PW



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PARTNERS						ASSOCIATES	p:\ama	hd 220 Noth thad de c	02\lightstoad001202.doc
R G Thomas	K J Mitchell	R P Woodman	S E Knight	Claire Treanor	S J Fricker	T J Masterman	A H Wood	D H Taylor	S M Wilson
W C O Hara	R P Posner	S I Waugh	G Howes	J G Anderson	A P Richardson	Sarah Donovan	N P Goodman	N J R Braybrook	
C A Riding	P B Grant	G S Davey	N P Law	T J Earl	Louise Younger	J Askham	S M Cooliffe	R F Durman	
M. J. Kerr	H A Rutherford	A R McRitchie	T J Raban	R A Clarke	R Sewell	L Ewan	Joanna Fone	J P A Forsyth	
S.L. Thomas	C M M Whyte	1.1 Michie	M J Knight	D W Graham	M J Whitfield	P / Wise	Rachel Gee	J B Hermiston	
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A C W Rowbotham	D A M Reid	P J Mason	I S Clark	H W Morgan	J N Stephenson	P A Demosey	Christine Blair		
P T H Lowne	R J Cobu	M A C Higgin	G H J McGonigal	J W Pool		J Drew			

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18 December 2002

London Borough of Richmond Upon Thames Environmental Protection Civic Centre TW1 3BZ



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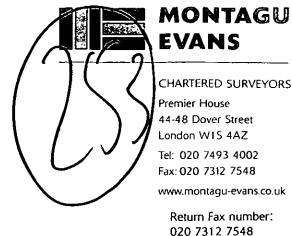
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London Borough of Lambeth Planning & Development Control Acre House London SW2 5SG



PP02132 — E-mail: archie.avery@ montagu-evans.co.uk

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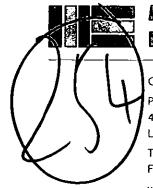
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18 December 2002

The Countryside Agency London Office Dacre House London SW1H 0DH



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- City of London
- Glasgow
- □ Edinburgh

AMA/jb/PD.5824

18 December 2002

Dr Rory O'Donnell, English Heritage Built Environment Kensington and South London Team, Room 102A 23 Saville Row London W1S 2ET



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With regards to the London Borough of Hammersmith & Fulham, the new planning application incorporates a series of changes to the previous scheme including:

p \ama\pd5824 lots road\dec02\liotsroad091202.doc PARTNERS SECRETARY ASSOCIATES S J Fricker P A Demosey Claire Treanor R G Thomas K J Mitchell

R J Cohu

M A C Higgin

G H J McGonigal

J W Pool

Diane Rider

Sarah Yeoman

Glasgow

■ Edinburgh

AMA/jb/PD.5824

18 December 2002

Sarah Harper,
English Heritage
Built Environment Kensington and South
London Team, Room 102A
23 Saville Row
London
W1S 2ET



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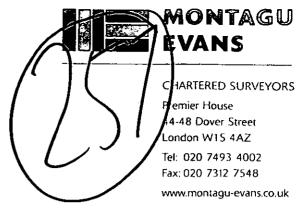
p \ama\pd5824 lots road\dec02\llotsroad091202.doc PARTNERS CONSULTANTS SECRETARY R P Woodman S J Fricker ASSOCIATES R G Thomas K. J. Mitchell S E Knight Claire Treanor P A Demosev WICO Hara CIA Riding R P Posner P B Grant 5 J Waugh G S Davey G Howes N P Law J G Anderson T J Earl A P Richardson Louise Younger T J Masterman Sarah Donovar I Drew A H Wood D H Taylor N J R Braybrook M J Kerr H A Rutherford A R McRitchie T J Raban R A Clarke R Sewell P.K. Young N P Goodman R F Durman D W Graham P E Henry B J Collins J Askham L Ewan P J Wise J P A Forsyth
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다 City of London 다 Glasgow 다 Edinburgh

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18 December 2002

Catherine Cavanagh, English Heritage Archaeology 23 Saville Row London W1S 2ET



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- The provision of affordable housing units has increased from 146 to 166 units. This equates to 40% of the total number of units being affordable.
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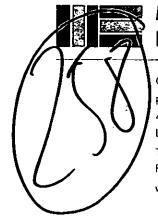
PARTNERS						ASSOCIATES	p:\ama	/pd <i>\$83</i> k/stread/yec	02\Ugesped081202.doc
R G Thomas	K J Mitchell	R P Woodman	S E Knight	Claire Treamor	S J Fricker	T J Masterman	A H Wood	D H Taylor	S M Wilson
W C O Hara	R P Posner	S J Waugh	G Howes	J G Anderson	A P Richardson	Sarah Donovan	N P Goodman	N I R Braybrook	
C A Riding	₽ B Grant	G S Davey	N P Law	T J Earl	Louise Younger	J Askham	5 M Cunliffe	R F Durman	
M J Kerr	H A Rutherford	A R McRitchie	T J Raban	R A Clarke	R Sewell	L. Ewan	Joanna Fone	J P A Forsyth	
S.L. Thomas	C M M Whyte	13 Michie	M J Knight	D W Graham	M J Whitfield	P J Wise	Rachel Gee	J.B. Hermiston	
T P Watkins	A J Simmonds	R V Bower	G C Essex	P E Henry	Lisbeth Dovey	A Kearey	S M McDonald	J C Pagella	
S.R.W. Harris	N P How	D A McCrory	M E Kut	B / Collins	N D Dryburgh	I D MacLeod	A D Munnis	G M Skelcey	
J I Badey	R D Harvey	R M Philipotts	M Gudaitis	M R P Gibbs	W A Scott	Diane Rider	Sarah Yeoman		
A C W Rowbotham	D A M Reid	P J Mason	1.5 Clark	H W Morgan	J N Stephenson	P A Dempsey	Christine Blair		
P T H Lowrie	R J Cohu	M A C Higgin	G H J McGonigal	J W Pool		J Drew			

- ☐ City of London
- ☐ Glasgow
- g Edinburgh

AMA/jb/PD.5824

18 December 2002

Alex Machin, English Nature Ormond House 26/27 Boswell Street London WC1N 3JZ



MONTAGU **EVANS**

CHARTERED SURVEYORS

Premier House 44-48 Dover Street London W1S 4AZ

Tel: 020 7493 4002 Fax: 020 7312 7548 www.montagu-evans.co.uk

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Dear Sirs

LOTS ROAD POWER STATION AND LAND AT THAMES AVENUE, CHELSEA HARBOUR DRIVE, LONDON, SW10

Town and Country Planning (Environmental Impact Assessment) (England and Wales) Regulations 1999

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□ Glasgow

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Mr N Bokuli, Thames Water Development Control Commercial Operations Group Cockfosters EN4 9JQ



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G M Skelcev

☐ Glasgow

2 Edinburgh

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Health & Safety Executive Construction Department St Dunstan's House, 201-211 Borough High Street, London SE1 1GZ London SE1 1GZ



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