

East Thames Housing / Epping Forest District Council Housing Delivery Programme

Feasibility Report

Site: 654 - 675 (Garages) Chester Road, Debden IG10 2LR

Rev: A

Ref: IJC/srs/612.023 Date: October 2014



Contents

- 1. Introduction and Confirmation of Brief
- 2. Existing Site and Surroundings
- 3. Proposals
- 4. Planning Issues and Risks
- 5. Impact/Implications of Statutory Services
- 6. Site Access and Buildability Issues
- 7. Neighbourly Matters and Party Walls
- 8. Proposed Procurement Route
- 9. Impact on Parking
- 10. Legals
- 11. Costs
- 12. Recommendations and Conclusions

Appendices

- A: Development Proposals Drawings 612.023/P2-18A
- B: Site Photographs
- C: Existing Site Plan: 201206014 AG
- D: Statutory Services Information
- E: Information on Possible Contamination
- F: Cost Build-up

1.0 Introduction and Confirmation of Brief

- 1.1. Pellings LLP are appointed as part of East Thames Group Technical Team in respect of delivery of Development Agent services to Epping Forest District Council for a six year housing delivery programme.
- 1.2. Following initial appraisal by EFDC, 59 sites have been identified as having possible development potential, with a further number of sites in reserve.
- 1.3. Pellings LLP have been instructed to progress feasibility studies to all 59 sites and which will assist in establishing the extent and timing of the overall programme.
- 1.4. Our instructions are in accordance with our fee tender of 13 August 2012, against the previously prepared tender documentation, and email confirmation of 9 April 2013.

2.0 Existing Site and Surroundings

- 2.1. The site is located in a residential part of Debden one mile to the north of Debden station.
- 2.2. The site consists of 22 garages with associated hardstanding and it is accessed by way of a 3m driveway off Chester Road. The site is adjoined by residential plots on all four sides, surrounding housing consisting of two storey terraced houses and flats.
- 2.3. There is vehicular access from an adjoining property across the site.
- 3.0 Proposals
- 3.1. Read in conjunction with drawings 612.023/P2-18A attached at Appendix A.
- 3.2. The proposals are:
 - Erection of a 3 x two storey 2 bedroom houses each with gardens. Provision of 6 parking spaces and access/landscaping
- 3.3. The vehicular access referenced above is not retained within proposals.

4.0 Planning Issues and Risks

Relevant Planning Policies/Considerations

- 4.1. The adopted Development Plan for Epping Forest District Council is the Combined Local Plan 1998 and Local Plan Alterations 2006.
- 4.2. The site is not located in a Conservation Area and it is not designated for any particular purposes in the Epping Forest District Council Combined Local Plan 1998 and Local Plan Alterations 2006. The site does not lie in a Flood Zone on the Environment Agency Flood Map.
- 4.3. There are no specific policies which prevent the loss of existing garages although policy ST4 (Road Safety) states that planning permission will only be granted where there will be no adverse effects on the highway, traffic congestion or harm to the character or appearance of the area. Parking spaces to meet with the Council's standards are proposed for the new dwellings.

- 4.4. It will be necessary to undertake a Parking Survey and to prepare a Transport Statement to demonstrate that the loss of the garages and proposed development would not cause any parking shortfalls or harm to highway conditions or the amenities of the area.
- 4.5. The site is located in the settlement of Loughton and the proposal would be consistent with policy CP7 which encourages the efficient use of existing built-up areas by the 'recycling of vacant, derelict, degraded and under-used land to accommodate the development' and the 're-use of urban sites, which are no longer appropriate to their existing or proposed use in the foreseeable future, for alternative land uses'.
- 4.6. The proposal would comply with policy H4A which states the need for a range of dwellings, including an appropriate proportion of smaller dwellings, to meet identified housing need on a site-by-site basis.
- 4.7. The development of small family homes with rear gardens and private and communal parking would be in keeping with the character and appearance of the area and may comply with Epping Forest's design policies and guidance.

5.0 Impact/Implications of Statutory Services

- 5.1. We have undertaken statutory services enquiries to the following:
 - Southern Gas
 - Cable and Wireless
 - Virgin Media
 - Thames Water
 - BT
 - National Grid
 - Scottish and Southern Energy
 - Environment Agency
 - UK Power Networks
- 5.2. Responses received to date are from the Environment Agency, National Grid, UK Power Networks, Virgin Media and Thames Water.
- 5.3. The Environment Agency has not pointed out any watercourses which cross the site.
- 5.3.1. National Grid: No apparatus appears to be located on the site.
- 5.3.2. UK Power Networks: There do not appear to be any installations on the site.
- 5.3.3. Virgin Media: No apparatus appears to be located on the site.
- 5.4. Thames Water: No drains or sewers are located on any part of the site.
- 5.5. It should be noted there are a number of responses to enquiries that, at time of preparation of this report, have not yet been received.

6.0 Site Access and Buildability Issues

6.1. The site is accessed from existing site roads and there would not appear to be any particular difficulties for the normal level and size of construction traffic associated with a development of this nature.

- 6.2. Areas should be available for contractor's site set up and accommodation.
- 6.3. The site is within a primarily residential area and, accordingly, any appointed contractor should use all best endeavours to act in a considerate manner and within normal working hours.
- 6.4. Further to initial enquiries made to EFDC, some potential contamination issues have been highlighted with use of the domestic garages.
- 6.5. Possible contaminants in respect of the previous use of the garage site may include asbestos, ash and clinker, hydro-carbons from vehicle maintenance and the like, please see Appendix E.
- 6.6. Accordingly, suitable site investigation will need to be undertaken ahead of any proposals to take this site forward and specific recommendations made to deal with any contamination found, whether by capping or removal from site.
- 6.7. The site is accessed by way of a narrow driveway and as at present, our proposals do not include a turning head for refuse or emergency vehicles. Accordingly, subject to detailed design, an independent refuse storage area may be required along with sprinkler provision to the new houses for fire protection.

7.0 Neighbourly Matters and Party Walls

- 7.1. As above, the proposed development site is within a primarily residential area and the appointed contractor should act in a considerate manner. It is proposed that restrictions on working hours, noise levels, requirement for resident liaison and similar matters will be included within contract documentation.
- 7.2. From proposals on Drawing 612.023/P2-18A we do not consider that Party Wall matters will be relevant to development proposals.

8.0 Proposed Procurement Route

- 8.1. It is understood that development works will be procured by way of the East Thames Housing Group existing contractor framework arrangements.
- 8.2. It is proposed that works shall be procured on a Design and Build basis with the contractors taking forward RIBA Stage D planning consent drawings into detailed design and construction delivery on site.
- 8.3. Schemes shall be designed to a set of Employer's Requirements to be subsequently confirmed but which substantially shall be formed from existing East Thames Housing Group Design Standards and Employer's Requirement documentation.
- 8.4. It is proposed that all site preparation works will be included within individual contract packages including any required demolitions, adjustment of statutory services, highways works and boundary maintenance/reinstatement/provision.

- 8.5. On completion of the feasibility studies for the whole programme, further recommendations will be made in terms of how works are packaged to ensure size of work packages are optimised for ensuring maximum economies for East Thames Housing Group and EFDC.
- 8.6. It is considered, at this stage, that this may be by way of a mix of different sized contractors dependent upon the numbers and geographical location of individual works packages.
- 8.7. Works will be administered by Pellings LLP as Employer's Agent acting in accordance with East Thames Housing Group terms of appointment and the over arching requirements of the Development Agency agreement.

9.0 Impact on Parking

- 9.1. The Council's currently adopted parking standards are contained within Essex County Council's Parking Standards Design and Good Practice Guide September 2009. These revised standards were adopted by the Council as statutory planning guidance in February 2012.
- 9.2. Flats and houses have the same parking standard as follows:
 - 1 bedroom accommodation 1 space per dwelling
 - 2 bedroom accommodation and above 2 spaces per dwelling
 - Visitor parking 0.25 spaces per dwelling (rounded up to the nearest whole number)
- 9.3. The proposals may be considered to meet the Council's parking standards for new development.
- 9.4. However, should the site move forward to planning application stages, it is recommended that a Transport Statement be undertaken, including parking surveys, to demonstrate that the loss of the garages will not give rise to any planning or highway problems.

10.0 Legals

- 10.1. It is noted that there is a Wayleave in place with NTL for access for maintenance to communications equipment, and the impact of this on proposals needs to be ascertained.
- 10.2. There are various pedestrian or vehicular accesses from adjacent properties into the site, for which it is advised that any rights of way to same would be extinguished on appropriation of the land.
- 10.3. It is further noted that access to the rear of No. 4 Pyrles Green is given by way of licence and it is advised that such licence would require termination by notice.

11.0 **Costs**

11.1. It is considered that a budget of £525,900.00 should be allowed for this scheme, inclusive of contractor design fees, but exclusive of professional fees and VAT. Please refer to Appendix F.

12.0 Recommendations and Conclusions

12.1. Subject to an overall lifetime cost appraisal, we conclude that the site appears to have economic development opportunities and we recommend is considered for taking forward to planning application stage, with a view to incorporating into the overall programme.

Signed:

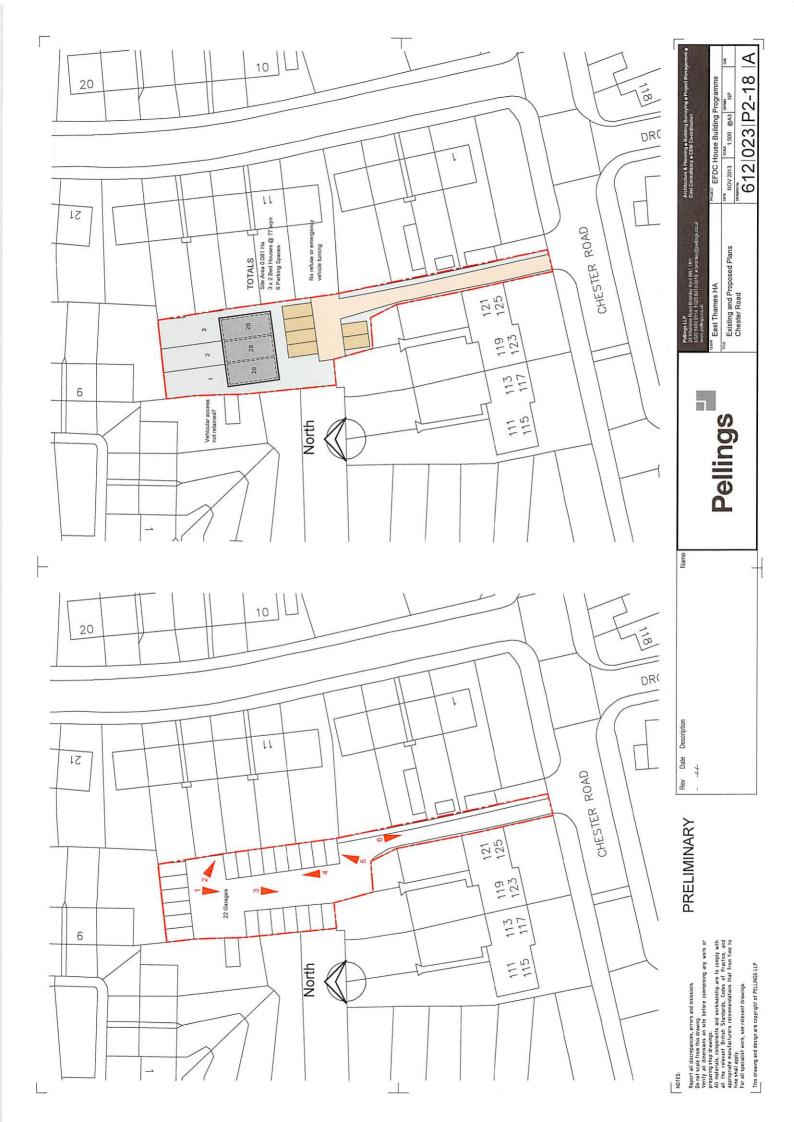
Date: 25th October 2014

Pellings LLP

Appendix A

Development Proposals

Drawings 612.023/P2-18A



Appendix B

Site Photographs

Appendix B - Site Photographs

1.



2.





4.



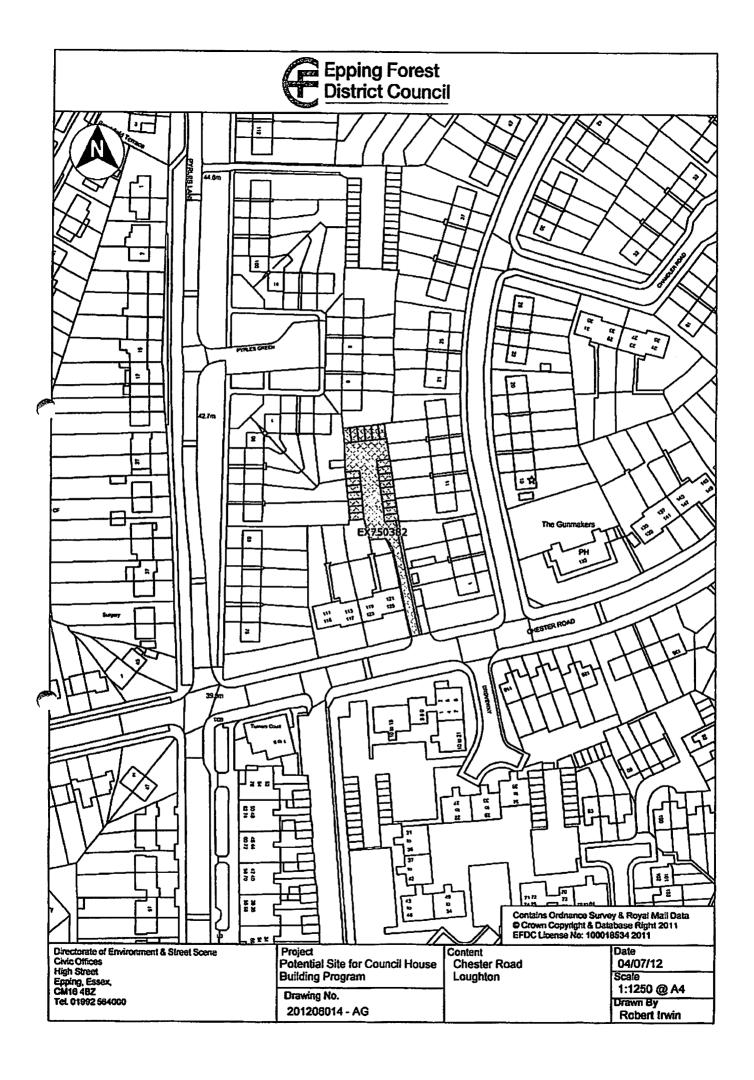


6.



Appendix C

Existing Site Plan



Appendix D

Statutory Services Information



Adam Greenhalgh Pellings 24 Widmore Road Bromley Kent BR1 1RY Plant Protection
National Grid
Block:1; Floor 1
Brick Kiln Street
Hinckley
LE10 ONA
E-mail: plantprotection@nationalgrid.com
Telephone: +44 (0)800 688588

National Grid Electricity Emergency Number: 0800 40 40 80*

National Gas Emergency Number: 0800 111 999*
* Available 24 hours, 7 days/week.
Calls may be recorded and monitored.

www.nationalgrid.com

Date: 24/10/2013

Our Ref: NL_TE_Z6_3SW_042157 Your Ref: CHESTER ROAD

RE: Proposed Works, IG10 2JU, chester road, loughton, essex

Thank you for your enquiry which was received on 17/10/2013.

Please note this response and any attached map(s) are valid for 28 days.

An assessment has been carried out with respect to National Grid Electricity Transmission plc's and National Grid Gas plc's apparatus. Please note it does not cover the items listed in the section "Your Responsibilities and Obligations", including gas service pipes and related apparatus.

For details of National Grid's network areas please see the National Grid website (http://www.nationalgrid.com/uk/Gas/Safety/work/) or the enclosed documentation.

As your works are at a "proposed" stage, any maps and guidance provided are for information purposes only. This is not approval to commence work. You must submit a "Scheduled Works" enquiry at the earliest opportunity and failure to do this may lead to disruption to your plans and works. National Grid will endeavour to provide an <u>initial</u> assessment within 14 days of receipt of a Scheduled Works enquiry and dependent on the outcome of this, further consultation may be required.

In any event, for safety and legal reasons, works must not be carried out until a Scheduled Works enquiry has been completed and final response received.

Your Responsibilities and Obligations

The "Assessment" Section below outlines the detailed requirements that must be followed when planning or undertaking your scheduled activities at this location.

It is your responsibility to ensure that the information you have submitted is accurate and that all relevant documents including links are provided to all persons (either direct labour or contractors) working for you near National Grid's apparatus, e.g. as contained within the Construction (Design and Management) Regulations.

This assessment solely relates to National Grid Electricity Transmission plc (NGET) and National Grid Gas plc (NGG) apparatus. This assessment does **NOT** include:

- National Grid's legal interest (easements or wayleaves) in the land which restricts activity in proximity to National Grid's assets in private land. You must obtain details of any such restrictions from the landowner in the first instance and if in doubt contact National Grid.
- Gas service pipes and related apparatus
- Recently installed apparatus
- Apparatus owned by other organisations, e.g. other gas distribution operators, local electricity companies, other utilities, etc.

It is YOUR responsibility to take into account whether the items listed above may be present and if they could be affected by your proposed activities. Further "Essential Guidance" in respect of these items can be found on the National Grid Website (http://www.nationalgrid.com/NR/rdonlyres/6D6525F9-59EB-4825-BA89-DBD7E68882C7/51319/EssentialGuidance.pdf).

This communication does not constitute any formal agreement or consent for any proposed development work; either generally or with regard to National Grid's easements or wayleaves nor any planning or building regulations applications.

NGG and NGET or their agents, servants or contractors do not accept any liability for any losses arising under or in connection with this information. This limit on liability applies to all and any claims in contract, tort (including negligence), misrepresentation (excluding fraudulent misrepresentation), breach of statutory duty or otherwise. This limit on liability does not exclude or restrict liability where prohibited by the law nor does it supersede the express terms of any related agreements.

If you require further assistance please contact the National Grid Plant Protection team via e-mail (<u>click here</u>) or via the contact details at the top of this response.

Yours faithfully

National Grid Plant Protection Team

ASSESSMENT

Affected Apparatus

The National Grid apparatus that has been identified as being in the vicinity of your proposed works is:

 Low or Medium pressure (below 2 bar) gas pipes and associated equipment. (As a result it is highly likely that there are gas services and associated apparatus in the vicinity)

Requirements

BEFORE carrying out any work you must:

- Carefully read these requirements including the attached guidance documents and maps showing the location of National Grid apparatus.
- Contact the landowner and ensure any proposed works in private land do not infringe National Grid's legal rights (i.e. easements or wayleaves). If the works are in the road or footpath the relevant local authority should be contacted.
- Ensure that all persons, including direct labour and contractors, working for you on or near National
 Grid's apparatus follow the requirements of the HSE Guidance Notes HSG47 'Avoiding Danger from
 Underground Services' and GS6 'Avoidance of danger from overhead electric power lines'. This
 guidance can be downloaded free of charge at http://www.hse.gov.uk
- In line with the above guidance, verify and establish the actual position of mains, pipes, cables, services and other apparatus on site before any activities are undertaken.

GUIDANCE

Excavating Safely - Avoiding injury when working near gas pipes: http://www.nationalgrid.com/NR/rdonlyres/2D2EEA97-B213-459C-9A26-18361C6E0B0D/25249/Digsafe_leaflet3e2finalamends061207.pdf

Standard Guidance

Essential Guidance document:

http://www.nationalgrid.com/NR/rdonlyres/6D6525F9-59EB-4825-BA89-DBD7E68882C7/51319/EssentialGuidance.pdf

General Guidance document:

http://www.nationalgrid.com/NR/rdonlyres/55C13C4D-A1AA-4B13-BFDA-1CF59F88B326/51318/GeneralGuidance.pdf

Excavating Safely in the vicinity of gas pipes guidance (Credit card):

http://www.nationalgrid.com/NR/rdonlyres/A3D37677-6641-476C-9DDA-E89949052829/44257/ExcavatingSafelyCreditCard.pdf

Excavating Safely in the vicinity of electricity cables guidance (Credit card):

http://www.nationalgrid.com/NR/rdonlyres/35DDEC6D-D754-4BA5-AF3C-D607D05A25C2/44858/ExcavatingSafelyCreditCardelectricitycables.pdf

Copies of all the Guidance Documents can also be downloaded from the National Grid Website: http://www.nationalgrid.com/uk/Gas/Safety/work/downloads/

ENQUIRY SUMMARY

Received Date

17/10/2013

Your Reference

CHESTER ROAD

Location

Centre Point: 543786, 197441

X Extent: 28 Y Extent: 77

Postcode: IG10 2JU

Location Description: IG10 2JU, chester road, loughton, essex

Map Options

Paper Size: A4

Orientation: LANDSCAPE Requested Scale: 500 Actual Scale: 1:2500 (GAS)

Deal Model Estanta 700 - 100

Real World Extents: 723m x 393m (GAS)

Recipients

pprsteam@uk.ngrid.com

Enquirer Details

Organisation Name: Pellings Contact Name: Adam Greenhalgh Email Address: bromley@pellings.co.uk

Telephone: 0208 460 9114

Address: 24 Widmore Road, Bromley, Kent, BR1 1RY

Description of Works

MAP FOR INFORMATION PURPOSES

Enquiry Type

Proposed Works

Activity Type

General Excavation

Work Types

Work Type: Plans Only

		1. / E man - 00			
Not to be used. Wat to be a co. Yet to be used. New to be used. No	to be used Not to he area Wat to be used for to Banged plat to be used Wat to be used Wat to be used	Not to helicare that to be used Not to be used			
tot construction for complementer for construction for construction for	construction to construction for construction for reastraction for construction for construction	for construction for construction for construction			
		J. A. Sandan			
Not to abouted Not so the used sur to be used not used no	to be ased for to be used Not to be used Not to be wife Nut to be used Not to be used Not to be used	Nut to be used Not to be about Not to be used			
for construction to construction to construction in construction for	inglished ton consequence for construction for consequenting to construction for construction for construction	for fanstruction for construction for construction			
		3			
Not to be used Not to be used Not to be used. Not to be used the	To be used Not to be used Not to be bod not to be used	Not to be used Not la be used. Not to be used			
figs threatemetrate for spinistrugition for construction, for gonestruction for	Custinction for construction no construction to construction for construction for construction for construction	to construction for construction for construction			
		The same of the sa			
CIENT					
	- I the fall to be a second of the second of				
wat the promise and the state of the state o	to be even full to be a control of the control of the Augustania week, North an used that the present notetine used	Not to be used Not to be used Not to by over			
the contaction on the an extra one the secretion that make a prosection	a settier the formand house the construction of anostruction has construction for construction	to soon fraction to construction for mission on			
1					
		1/			
		X .			
The property of the case of the remaining the property of	of the world And the Bear of their to be used the to be used the trade used that take used that to be used	Not to be used over to be used, where he was			
the composition of Assignation of the transfer of the condition for a	in election be substruction for construction to be actinitied by construction to construction to construction.	the construction for construction for can reaction			
	The state of the s				
4					
Nothing was in And to the man or mad by her bound a best in the ways to be	I say the the word by the property of the said of the said of the said with the area was to the said	has to be used. Not to be used. Not to be used			
the transfer of the sea of the se	mercarion for remaining in an entrum in sancted with the continuence in John with a heart was not being the	propostruction for construction for constitution			
1100					
The same of the sa					
		10			
the sand the owen where the most representation and the sand of the sand transfer that the sand transfer the sand transf	ta in trees. Not le provide portre no le de Nortrepa as a replica bia doct. Not to be used for twice used an account of the providence of the construction for	Not to be based. Not to be used. Not to be aven			
	200 - The state of	be construction intended in the construction			
		No. of the last of			
Not to be used. Not to be over. Not to de your about to be over.	to be used Nut to be used Not to be used World by beet by used Not lafe ased Not lafe ased Not to be used				
for construction for construction for construction for enastruction for s	oustraction for Emistraction for construction to construction for construction for construction for construction.	or construction to construction by an activities			
ID: NL_TE_Z6_3SW_042157 View extent: 723m, 393m	Map not to be used for construction	Map 1 of 1 (GAS)			
USER: roy.x.jones LP MAINS	This plan shows those pipes owned by National Grid Gas plc in its role as a Licensed Gas Transporter (GT).	MAPS Plot Server Version 1.7.6			
DATE: 24/10/2012 MP MAINS	Gas pipes owned by other GTs, or otherwise privately owned, may be present in this area. Information	NAME OF THE SERVET VERSION 1.7.0			
DATE: 24/10/2013 IP MAINS With regard to such pipes should be obtained from the relevant owners. The information shown on this plan is given without warranty, the accuracy thereof cannot be guaranteed. Service pipes, valves, syphons, stub connections,					
etc., are not shown but their presence should be anticipated. No liability of any kind whatsoever is accepted by					
REF: CHESTER ROAD					
	practices in accordance with HS(GM7, must be used to verify and establish the actual activities of				
MAP REF: TQ4397 0m 50m	practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains.	Requested by: Pellings			
CENTRE: 543786 197441 Approximate scale 1:2500	practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas	Requested by: Pellings This plan is reproduced from or based on the			
11011 1121 1121007	practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas apparatus. The information included on this plan should not be referred to beyond a period of 28 days from the date	This plan is reproduced from or based on the OS map by National Grid Gas plc, with the sanction			
CENTRE: 543786, 197441 Approximate scale 1:2500	practices, in accordance with HS(G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that this information is provided to all persons (either direct labour or contractors) working for you on or near gas	This plan is reproduced from or based on the			

Adam Greenhalgh

From:

SPHatfield <SPHatfield@environment-agency.gov.uk>

Sent:

23 October 2013 17:49

To:

Adam Greenhalgh

Subject:

RE: Epping Forest DC - potential development sites

Dear Adam,

Further to your letters dated 16 October (your ref: AG/dh/612.023/05), we have the following comments to make on the specific sites listed below (please note that comments on three sites – Rear of shops, Loughton Way, Buckhurst Hill; Pentlow Way, Buckhurst Hill and Site B, Marlescroft Way, Loughton – will follow on or before 7 November due to additional site constraints).

Sites: Burton Road, Debden

White Hills, Loughton

Thatchers Close, Loughton

Site A, Pyries (note: should be 'Pyrles') Lane, Loughton Site B, Pyries (note: should be 'Pyrles') Lane, Loughton

Site A, Chequers Road, Loughton Site B, Chequers Road, Loughton Site A, Langley Meadow, Loughton Site B, Langley Meadow, Loughton Hornbeam Close, Buckhurst Hill

Hornbeam House, Hornbeam Road, Buckhurst Hill Bourne House, Hornbeam Road, Buckhurst Hill

Bushfields, Loughton
Etheridge Road, Loughton
Lower Alderton Hall Lane, Loughton
Ladyfields, Loughton

Kirby Close, Loughton Chester Road, Loughton Hillyfields, Loughton

Comments

As we are in an area of serious water stress, we endorse the efficient use of water resources. Residential Jevelopments such as your proposal should take advantage of water efficient technologies. This is in line with Epping Forest's local policy CP5 which states that the efficient use of water is encouraged through water efficient appliances and rainwater harvesting for example.

We suggest you use water efficiency measures and aim to achieve 105 litres/person/day. This is equivalent to level 3/4 for water within the Code for Sustainable Homes. Achieving this standard within new homes can be accomplished at very little additional cost, and is significantly cheaper than retrofitting such measures later.

Every opportunity should be taken to maximise Sustainable Drainage Systems (SuDS) such as green roofs, ponds, swales and permeable pavements, to alleviate surface water runoff. I have attached a copy of our SuDS guidance, which contains the SuDS hierarchy, to help you with your designs. The methods at the top of the hierarchy are preferred because they are beneficial in terms of sustainability and biodiversity. The hierarchy should be used in descending order. Tanks should only be used as a last resort. Epping Forest's local policy U3B on sustainable drainage systems advocates this approach.

As the sites are all under a hectare in Flood Zone 1, they fall within cell F5 of our <u>Flood Risk Standing Advice</u> consultation matrix. Epping Forest Local Planning Authority will therefore be responsible for assessing flood risk at these sites.

Kind regards,

Clark Gordon Sustainable Places Planning Advisor Environment Agency North East Thames Area - Hatfield Team 01707 632308



The climate is changing. Are you?

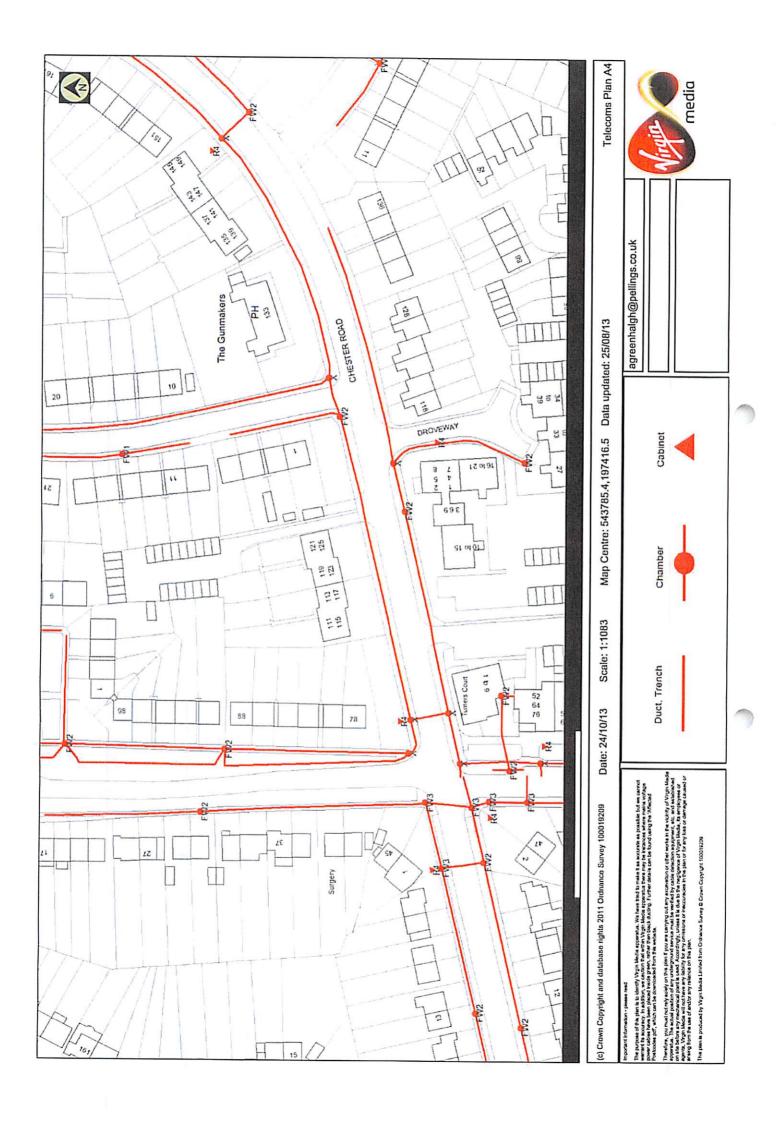
A support service of 5, 1 and 5 and

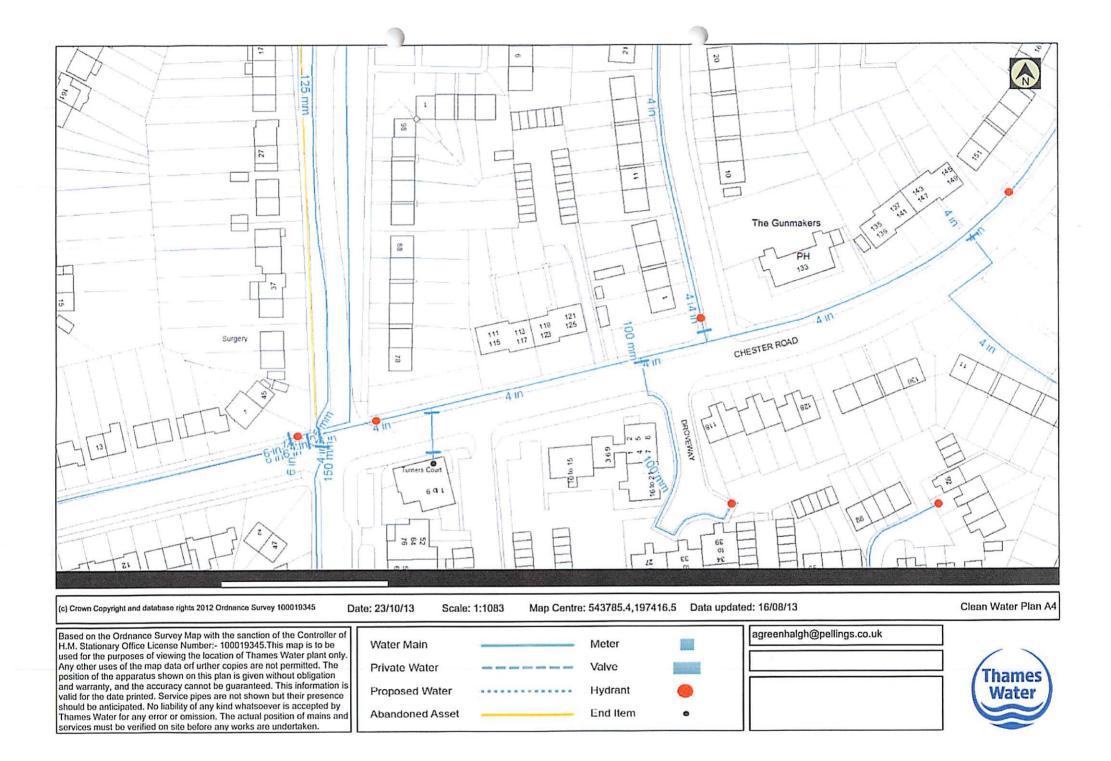
please consider the environment - do you really need to print this email?

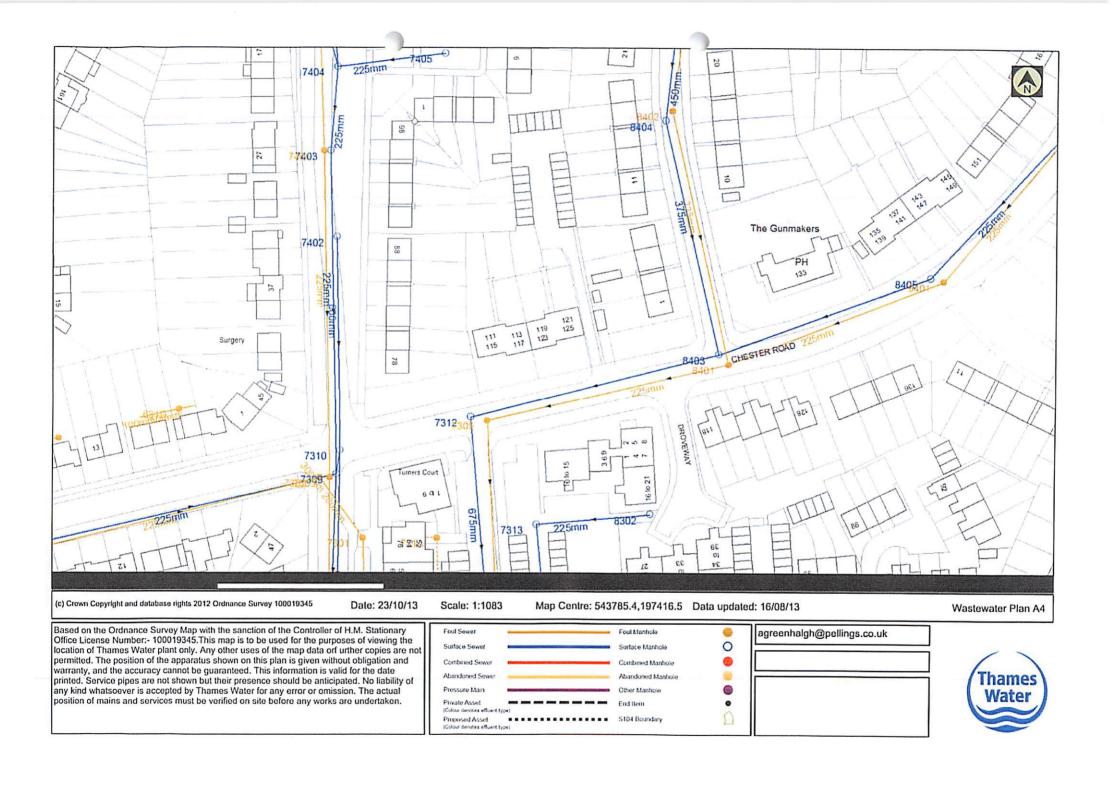
Information in this message may be confidential and may be legally privileged. If you have received this message by mistake, please notify the sender immediately, delete it and do not copy it to anyone else.

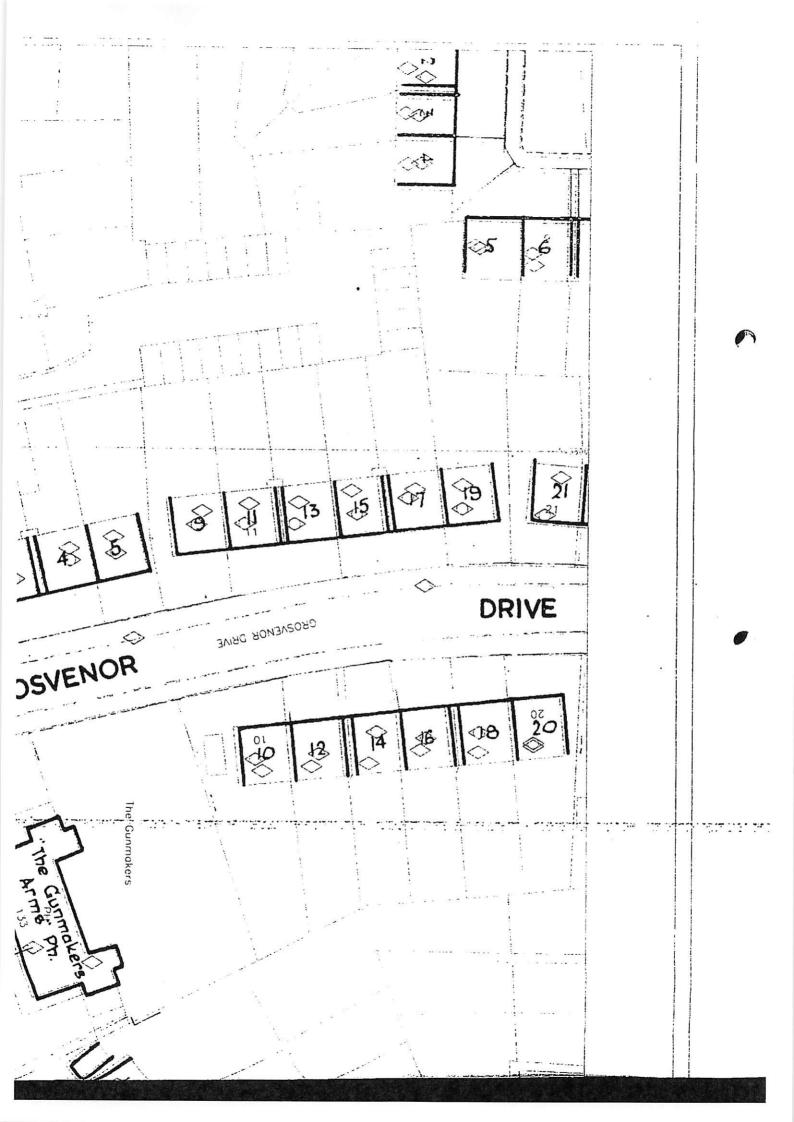
We have checked this email and its attachments for viruses. But you should still check any attachment before opening it.

We may have to make this message and any reply to it public if asked to under the Freedom of Information Act, Data Protection Act or for litigation. Email messages and attachments sent to or from any Environment Agency address may also be accessed by someone other than the sender or recipient, for business purposes.









Appendix E

Information on Possible Contamination

Information on possible contamination has been forwarded by Epping Forest District Council by way of email of 22nd May 2013, giving information on potential contamination across all the primary sites.

This clarifies possible ground contamination derived from asbestos, made ground, hydrocarbons, petroleum hydrocarbons and the like.

It is likely that any Planning Consent will carry a Condition that all contamination issues are to be remediated.

Accordingly, we recommend that initial site investigation is undertaken for all sites that move forward to Planning Applications.

Appendix F

Cost Build-up

Chester Road, Epping Forest Indicative Estimate of Cost for East Thames HA



Gross Internal floor area	m2	ft2
Affordable Flat Units	0	0
Allowance for communal space @ 20%	0	0
Affordable House Units	231	2.486
TOTAL GIA	231	2,486

Item	Element		Qty Unit	Rate £/unit	Total £	
1.0	Demolition			Z/UIIII	L	
1.1	Demolition		277 m²	50	1	13,826
2.2	2 Site clearance		528 m²	10	7/1	5,278
1.2	? Allowance for removal of asbestos		22 Per roof	1,000	200	22,000
		Sub-total		sa		40,000
	Affordable Flat units (xx nr. units)					-
	Flats Private areas		0 m ²	1,350)	0
2.2	Priats communal areas (20% allowed)		0 m²	900)	0
2.0	Aff I . I	Sub-total		say	1	0
	Affordable House units (03 nr. units) House areas					
3.1	nouse areas		231 m²	1,250		289,000
4.0	Abnormals / E/o and External Works	Sub-total		say	1	290,000
	Private gardens (incl. fencing)		004 2	72.2		no energy
1.1	Communal Gardens		234 m²	40		9,000
	Access road, parking and turning		224 m²	30		7,000
	Pedestrian paving		258 m² 0 m²	65		17,000
	Cross over / highways adaptions		=	50		Incl.
	Allowance for contaminated ground		1 item 0 item	2,000		2,000
	Boundary treatment (fencing/walls)		185 m	160	ì	Excl.
	Allowance for achieving CfSh Level 3		3 nr	4,500		30,000 14,000
	anagar sacas yar samar ng sama sa sa	Sub-total	3 111	say		80,000
			£/m2	£/ft2		
	INDICATIVE CONSTRUCTION COST					410,000
	CONTINGENCY @ 5%					20,000
	CONTRACTORS DESIGN FEES @ 8%					34,400
	PRELIMS AND OVERHEADS AT 15%					61,500
	TOTAL INDICATIVE CONSTRUCTION COST		2,277			525,900

Clarifications and Assumptions

Estimate based on Pellings Feasibility drawings and standard ETG specifications

GIA is approximate due to early stage of design

Costs are based on a Q3 2014 start on site

Costs are based on a Single Stage Competitive D&B procurement route

Costs are based on a Contractor 'best programme' contract period

All units assumed to achieve Code for sustainable Homes Level 3

It is assumed that a traditional construction (concrete strip foundations, brick/block walls, timber floor structure, sloped tiled roofs) will be used

Contractors design fees are based upon appointment with planning consent under JCT D&B contract

Assumed no Party Wall or Rights of Lights issues

Exclusions

Clients professional fees (including statutory fees)

VAT

Asbestos (except removal of low risk asbestos roofs priced above) and hazardous material removal

Excludes any off-site works

Provision of loose fittings and furnishings

Costs of compliance of any conditions imposed by TFL or other statutory bodies

Costs of Section 106, S108, S278 Agreement(s) or Community Infrastructure Levy charges