Tower Hamlets Sites and Place Making Development Plan Document – Site Viability Testing

Prepared for

London Borough of Tower Hamlets

February 2011



Contents

1	Introduction	3
2	Background and description of the Sites	5
3	Methodology	7
4	Assumptions	8
5	Assessment of the outputs of the appraisals	13
6	Conclusions	16

Appendices

Appendix 1 Appraisal summaries and outputs 17



1 Introduction

BNP Paribas Real Estate was commissioned by the London Borough of Tower Hamlets ('the Council') to assess the viability of strategic allocation sites within its *Sites and Place Making Development Plan Document*, where infrastructure is to be provided on-site. Our terms of reference are summarised as follows:

- Assess the likely residual land values that could be generated by developments on the sites; and
- Using the outputs of the appraisals, consider the economic viability of developments on the sites and their ability to meet the Council's Core Strategy requirements and on-site community infrastructure objectives.

1.1 BNP Paribas Real Estate

BNP Paribas Real Estate is a leading firm of chartered surveyors, town planning and international property consultants. The practice offers an integrated service from fourteen offices within the United Kingdom and over sixty offices in key commercial centres in Europe, the United States of America and the Asian and Pacific regions.

BNP Paribas Real Estate has a wide ranging client base, acting for international companies and individuals, banks and financial institutions, private companies, public sector corporations, government departments, local authorities and registered social landlords.

The full range of property services includes:

- Planning and development consultancy;
- Affordable housing consultancy;
- Valuation and real estate appraisal;
- Property investment;
- Agency and Brokerage;
- Property management;
- Building and project consultancy; and
- Corporate real estate consultancy.

This report has been prepared by Nicholas Pell under the supervision of Anthony Lee MRTPI, MRICS, RICS Registered Valuer.

The Affordable Housing Consultancy of BNP Paribas Real Estate advises landowners, developers, local authorities and registered social landlords ("RSLs") on the provision of affordable housing.

In 2007, we were appointed by the Greater London Authority ("GLA") to review its 'Development Control Toolkit Model' (commonly referred to as the 'Three Dragons' model). This review included testing the validity of the Three Dragons' approach to appraising the value of residential and mixed use developments; reviewing the variables used in the model; and advising on areas that required amendment in the re-worked toolkit. We have recently been appointed by the GLA to undertake a further review of the toolkit and other available appraisal models and expect to report in October 2011.

Anthony Lee is a member of the RICS 'Experts in Planning Service' panel, which was established in March 2009 to support the Planning Inspectorate on major casework and local development plan work submitted for independent examination. He has assisted the inspectors examining the economic viability of



housing policies within the Core Strategies of Stockton Borough Council; Hinckley and Bosworth Council; and East North Hants District Council.

In addition, we are retained by the Homes and Communities Agency ("HCA") to advise on better management of procurement of affordable housing through planning obligations.

The firm therefore has extensive experience of advising landowners, developers, local authorities and RSLs on the value of affordable housing and economically and socially sustainable residential developments.

1.2 Report structure

This report is structured as follows:

Section two provides a brief description of the sites identified in the Council's Sites and Place Making DPD that we have appraised;

Section three describes the methodology that we have adopted;

Section four outlines the assumptions adopted within our appraisals;

Section five sets out the results of the appraisals;

Finally, in **Section six**, we draw conclusions from the analysis.

1.3 The Status of our advice

The contents of this report do not constitute a valuation, in accordance with Valuation Standards 1.1 of the RICS Valuation Standards – Global and UK (May 2011), and should not be relied upon as such. This report is addressed to London Borough of Tower Hamlets only.



2 Background and description of the Sites

The Sites and Placing Making DPD identifies a range of sites that the Council considers to be suitable for redevelopment. Some of the sites incorporate requirements for community infrastructure (schools, open space, idea stores etc) and our appraisals test whether these requirements could be viably provided.

We have run high level appraisals of ten sites with such these requirements. The key features of the sites are summarised in table 2.1 below. Some of the sites require a District Heating System; as this is a requirement for the schemes to meet Code for Sustainable Homes level 4, we have not identified this requirement separately in the table.

Site name	Existing use	Site size (ha)	Infrastructure requirement	Current ownership
Bishopsgate Goods Yard	Shoreditch High Street Overground Station and vacant land	4.24	Local park and Idea Store	Private
Pritchard's Road Gas Works and The Oval	Active gas holders and warehousing	3.75	Local park	Council and private
Goodman's Fields	Vacant buildings and land	3.65	Health facility	Private
Bromley-by-Bow Redevelopment	Supermarket, warehousing and car parking	7.35	Primary school, local park and Idea Store	Private
Ailsa Street (south)	Industrial activities, former primary school and vacant land	3.50 ¹	Primary school and secondary school	Council and private
Leven Road Gas Works	Active gas holders	8.56	Local park and primary school	Private
Westferry Printworks	Offices, printworks and car parking	6.16	Primary school, secondary school and local park	Private
Crossharbour town centre	Supermarket, car parking, offices, health facility and Crossharbour DLR Station	4.89	Idea Store or Leisure Centre	Private
McGrath Site (Fish Island)	Waste storage and transfer	2.67	Primary school and local park	Private
Neptune Wharf (Fish Island)	Industrial activities	2.31	Primary school and local park	Private
News International	Offices and parking	4.28	Secondary and primary school	Private
Bow Common Gas Works	Gas holders	3.94	Primary school	Private

¹ Net of north site (3.5 ha) for Waste facility

5



Additional information on each site is attached as Appendix 1. This information includes the approximate density anticipated by the Council; abnormal cost issues; number of units and Public Transport Accessibility Level ('PTAL') scores.



3 Methodology

We have used *Argus Developer* ("Argus") to undertake high level appraisals of developments on the ten sites. Argus is a commercially available development appraisal package in widespread use throughout the development industry. It has been accepted by a number of local planning authorities for the purpose of viability assessments and has also been accepted at planning appeals. Banks also consider Argus to be a reliable tool for secured lending valuations. Further details can be accessed at www.argussoftware.com.

Argus is essentially a cash-flow model. Such models all work on a similar basis:

- Firstly, the value of the completed development is assessed.
- Secondly, the development costs are calculated, including either the profit margin required or land costs. In our appraisals we include profit as a development cost.

The difference between the total development value and total costs equates to the residual land value ("RLV"). The model is normally set up to run over a development period from the date of the commencement of the project until the project completion, when the development has been constructed and is occupied.

The cash-flow approach allows the finance charges to be accurately calculated over the development period. This approach can accommodate more complex arrangements where a number of different uses are provided or development is phased.

In order to assess whether a development scheme can be regarded as being economically viable, with a given level of planning obligations, it is necessary to compare the RLV that is produced with a benchmark land value. If a development generates a RLV that is higher than the benchmark it can be regarded as being economically viable and therefore capable of providing a greater quantum of obligations. However, if a development generates a RLV that is lower than the benchmark, it should be deemed economically unviable and the quantum of planning obligations would need to be reduced until viability is achieved.



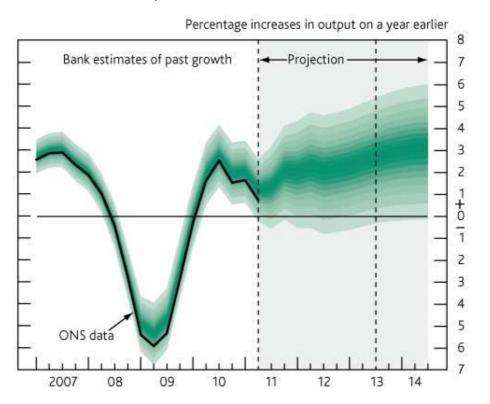
4 Assumptions

This section of the report sets out the general principles and assumptions which we have adopted to undertake appraisals of developments on the ten sites.

4.1 Housing Market Commentary

The historic highs achieved in the UK housing market by mid 2007 followed a prolonged period of real house price growth. However, a period of 'readjustment' began in the second half of 2007, triggered initially by rising interest rates and the emergence of the UK sub prime lending problems in the last quarter of 2007. The subsequent reduction in inter-bank lending led to a general "credit crunch" including a tightening of mortgage availability. The real crisis of confidence, however, followed the collapse of Lehman Brothers in September 2008, which forced the government and the Bank of England to intervene in the market to relieve a liquidity crisis.

The combination of successive shocks to consumer confidence and the difficulties in obtaining finance led to a sharp reduction in transactions and significant correction in house prices in the UK, which fell to a level some 21% lower than at their peak in August 2007, according to the Halifax House Price Index. Consequently, residential land values fell by some 50% from peak levels. One element of government intervention involved successive interest rate cuts and as the cost of servicing many people's mortgages is linked to the base rate, this financial burden has progressively eased for those still in employment. This, together with a return to economic growth early 2010 (see August 2011 Bank of England GDP fan chart below) meant that consumer confidence started to improve to some extent.

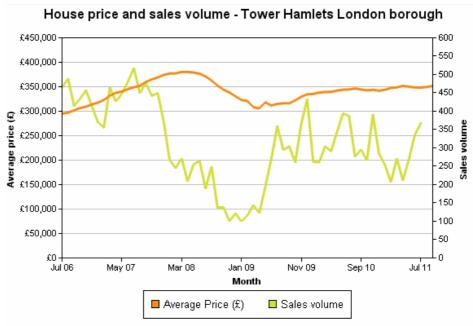


Throughout 2010 there were some tentative indications that improved consumer confidence was feeding through into more positive interest from potential house purchasers. Against the background of a much reduced supply of new housing, this would lead one to expect some recovery in prices. However it is evident



that this brief resurgence has abated, with Nationwide House Price Indices showing house prices were 0.4% higher in October 2011 thank in September with the price of a typical home in October being 0.8% higher than one year ago. The Halifax Price Index reported a 1.2% monthly increase between September and October however stated that there has been little change in prices during 2011 overall.

The balance of opinion is that the house price correction has much further to run, with continuing high levels of unemployment likely to result in increased repossessions and increased supply of homes into the market. At the same time, demand is expected to remain subdued, due to the continuing difficulties consumers face in securing mortgages. Robert Gardner, Nationwide's Chief Economist, stated "the outlook remains uncertain, but with the UK economic recovery expected to remain sluggish, house price growth is likely to remain soft in the period ahead, with prices moving sideways or drifting modestly lower over the next twelve months."



Source: Land Registry

4.2 Gross Development Value ("GDV")

4.2.1 Residential Sales Values

We have researched the local housing market through discussion with active local agents and through review of online internet resources. It is apparent that residential values vary dependent on location within the Borough, in addition to the aspect, size and specification of the units.

Through examining the comparable evidence collected we have assumed a blended average value per square foot for each of the sites in this report. Table 4.2.1 below shows the values that we have adopted in our appraisals:



Table 4.2.1: Blended average sales values

Site	Blended average (£ per square foot)	Anticipated delivery period
Bishopsgate Goods Yard	£680	2015-2020
Pritchard's Road Gas Works and The Oval	£505	2015-2020
Goodman's Fields	£600	2012-2015
Bromley by Bow Redevelopment	£441	2012-2015
Ailsa Street	£410	2012-2015
Leven Road Gas Works	£455	2015-2020
Westferry Printworks	£604	2015-2020
Crossharbour Town Centre	£604	2015-2020
McGrath Site (Fish Island)	£403	2015-2020
Neptune Wharf (Fish Island)	£403	2015-2020
News International	£604	2015-2020
Bow Common Gas Works	£403	2015-2020

It should be noted that real sales value growth of 3% per annum has been assumed for the private units in the appraisals for sites due for completion 2015-2020. This reflects the growth forecast by major agents, including Savills and Knight Frank.

4.2.2 Affordable housing revenue

To value the affordable housing elements we have used a bespoke model, specifically created for this purpose. This model takes into account factors such as standard levels for individual RSL's management and maintenance costs; finance rates currently obtainable in the sector; and views on the amount of grant that may be obtainable.

In the recent Comprehensive Spending Review the Government announced that the budget for Social Housing Grant would be reduced from £2.8 billion per annum to £0.55 billion per annum. This is a reduction of over 80%. The recently released '2011-15 Affordable Homes Programme – Framework' document also provides a clear indication that Section 106 schemes are no longer likely to be allocated Grant funding, except in exceptional circumstances.

In light of these announcements it is considered imprudent to assume that Grant will be secured. Therefore our assessment relies upon the assumption that none is provided.

Our model indicates that the following value might be achievable with respect to a blended average of any affordable housing that might be provided within the developments.

London Borough	Revenue (£ / per square foot)
London Borough of Tower Hamlets	£150

It should be noted that a value increase of 0.5% year-on-year has been assumed for the affordable units in the appraisals for sites due for completion



2015-2020. This increase reflects current Homes and Communities Agency policy that permits RSLs to increase rents by RPI plus 0.5% per annum.

4.3 Development Costs

4.3.1 Construction Costs

The RICS Build Cost Information Service ("BCIS") reports that the mean average cost of constructing 'flats (apartments)' in London Borough of Tower Hamlets is currently £1,655 per square metre (£154 per square foot). This cost relates to base construction costs only with no allowance for external works. We have therefore made an additional allowance of 15% of construction costs for external works, bringing the cost rate up to £1,903 per square metre (£177 per square foot).

The BCIS average costs are taken from survey results from developments that comprise a disproportionate number of social housing schemes, which will generally be built to a lower specification than private housing. We have therefore made a further 15% allowance (on the base cost rate) for the market units to account for enhanced quality. This increased the construction rate for the market units to £2,151 per square metre (£200 per square foot).

4.3.2 Professional Fees

We have assumed professional fees at 10% of construction costs.

4.3.3 Contingency

We have assumed a contingency of 3% of construction costs in line with normal market assumptions.

4.3.4 Planning Obligations

We have assumed a financial contribution associated with the developments of £4,000 per unit. Should a higher contribution be required this will have a detrimental impact upon economic viability. Conversely, should the contribution be reduced the viability of the developments will improve.

4.3.5 Ground Rents

We have assumed that the average investment value of ground rents will be £4,500 per market housing unit. No ground rents are assumed on the affordable housing units.

4.3.6 Interest

We have adopted an interest rate of 6.5%, with no additional allowance for fees, which we consider to be an optimistic assumption for a development of this nature in the current market. It should be noted that although a bank would not provide 100% of the funding required for the Development it is conventional to assumed finance on all costs in order to reflect the opportunity cost (or in some cases the actual cost) of committing equity to the project.

4.3.7 Developer's Profit

When considering the changing economic climate, financial institutions have tightened their requirement for profit returns on schemes. Banks have raised their expectations in terms of risk and required returns that new developments offer. Whilst it will ultimately be a matter of judgement, we doubt that any



proposals predicting a return of less than 20% would be considered viable. We have therefore adopted a profit rate of 20% on GDV for the market residential units.

In order to reflect the reduced risk associated with developing affordable housing we have adopted profit at 6% on GDV for the affordable housing units.

4.3.8 Marketing and disposal costs

We have adopted the following costs of sales:

- Marketing at 1.5% of market GDV;
- Agent fees as 1.5% of market GDV; and
- Legal fees at 0.25% of market GDV.

4.3.9 Project timetable

We have adopted the following assumed timings for construction and sales:

- 9 month purchase period;
- 9 month pre-construction period;
- Sales rate of 6 units per month, which results in varied sales periods dependent upon the number of units to be sold in each development;
- Affordable housing revenue received quarterly throughout construction period; and
- Section 106 obligations paid quarterly throughout construction period.



5 Assessment of the outputs of the appraisals

In this section, we consider the outputs of the appraisals and the implications for the provision of affordable housing at the proposed Developments.

5.1 Viability Benchmark

We have estimated the existing use values ("EUVs") of each of the sites, using pro-rata values from other sites in the same use and published benchmarks (Valuation Office Agency *January 2011 Property Market Report*). In order to encourage the landowners to bring the sites forward for development, we have added a premium of 20% to the value, in addition to a 20% buffer to account for individual site constraints and unknown factors. The benchmark land values that result from this calculation are shown in Table 5.1 below.

Table 5.1: Viability benchmarks

Site	Existing Use Value (£ millions)
Bishopsgate Goods Yard	17.808
Pritchard's Road Gas Works and The Oval	15.750
Goodman's Fields	51.800
Bromley by Bow Redevelopment	30.870
Ailsa Street	4.354
Leven Road Gas Works	17.976
Westferry Printworks	51.744
Crossharbour Town Centre	41.076
McGrath Site (Fish Island)	6.355
Neptune Wharf (Fish Island)	5.498
News International	48.55
Bow Common Gas Works	8.72

5.2 Appraisal results

We have undertaken appraisals on all of the sites incorporating the Council's Core Strategy policy of 35% affordable housing with a tenure split of 70:30 of social rent to shared ownership.

In some cases, the Council has requested that we test a number of scenarios for some of the sites, as follows:

Leven Road Gas Works:

- Scenario 1 provision of land for local park (1.2 ha) and primary school (0.4 ha)
- Scenario 2 provision of land for local park only (1.2 ha)

Westferry Print Works:

- Scenario 1 provision of land for secondary school (1.5 ha)
- Scenario 2 provision of land for local park (1.2 ha) and primary school (0.4 ha)



McGrath site:

- Scenario 1 provision of land for local park (0.5 ha)
- Scenario 2 provision of land for local park (1 ha)

Nepture Wharf

- Scenario 1 provision of land for local park (1 ha) and primary school (0.4 ha)
- Scenario 2 provision of land for local park (0.6 ha) and primary school (0.4 ha)

Table 5.2.1 below shows the residual land value for each site against the viability benchmark.

Table 5.2.1: Appraisal results

Site/scenario	Residual Land Value (£ millions)	Viability Benchmark (£ millions)	Surplus / deficit against benchmark (£ millions)
Bishopsgate Goods Yard	60.989	17.808	43.18
Pritchard's Road Gas Works and The Oval	20.01	15.750	4.26
Goodman's Fields	68.95	51.8	17.15
Bromley-by-Bow Redevelopment	15.748	30.870	-15.12
Ailsa Streeet	3.47	4.354	-0.884
Leven Road Gas Works (scenario 1)	17.94	17.976	-0.04
Leven Road Gas Works (scenario 2)	19.13	17.976	1.154
Westferry Printworks (scenario 1)	100.99	51.744	49.25
Westferry Printworks (scenario 2)	84.99	51.744	33.25
Crossharbour Town Centre	56.14	41.076	15.064
McGrath Site (Fish Island) scenario 1	2.95	6.354	-3.404
McGrath Site (Fish Island) scenario 2	2.15	6.354	-4.204
Neptune Wharf (Fish Island) scenario 1	1.05	5.497	-4.447
Neptune Wharf (Fish Island) scenario 2	1.69	5.497	-3.807
News International (scenario 1)	42.06	48.55	-6.49
News International (scenario 2)	46.76	48.55	-1.79
Bow Common Gas Works	7.47	8.274	-0.804

5.2.1 Sensitivity analysis

The results of our appraisals indicate that some of the development scenarios will not be viable at the sales values that are achievable in the current market (or where the sites are to be brought forward after 2015 by the values reflecting 3% per annum growth). We have run a sensitivity analysis to determine the real

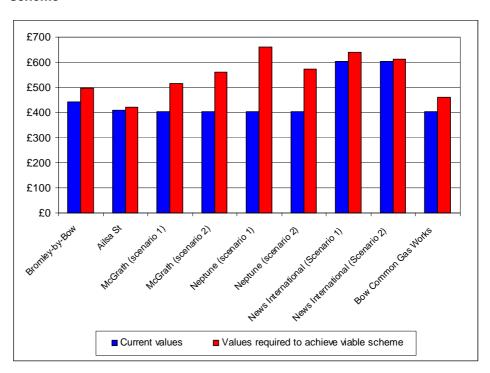


increase in values required to achieve a viable position in each of the scenarios. The results are set out in Table 5.2.1.1 below and also in chart format in Chart 5.2.1.1.

Table 5.2.1.1: Results of sensitivity analysis

Site/scenario	Current Values (£ psf)	Inflated values (£ psf) to achieve viable scheme	% change
Bromley-by-Bow	£441	£498	13%
Ailsa St	£410	£420	2%
McGrath (scenario 1)	£403	£515	28%
McGrath (scenario 2)	£403	£560	39%
Neptune (scenario 1)	£403	£660	64%
Neptune (scenario 2)	£403	£572	42%
News International (Scenario 1)	£604	£640	6%
News International (Scenario 2)	£604	£612	1%
Bow Common Gas Works	£403	£462	15%

Chart 5.2.1.1: Current values and values required to achieve viable scheme





6 Conclusions

This report considers the viability of a sample of sites in the Council's *Sites and Place Making DPD*, particularly in relation to the provision of land to facilitate the provision of community infrastructure (primary and secondary schools; local parks; and a waste transfer site). Although our appraisals do not assume that the developments will need to carry the costs of constructing the schools and other facilities, they do reflect the opportunity cost of provision of land.

Six of the twelve sites we have appraised would be viable if the land for community infrastructure is provided at nil cost. The other six sites would be viable following varying degrees of sales value growth. In some cases, the extent to which value inflation is required would be relatively modest and well within the scope of likely increases over the next five years². The least viable sties are located in Fish Island, where values are considerably lower than most other parts of the Borough. However, these sites are currently predominantly industrial in nature, with very little residential accommodation. As is commensurate with their industrial nature, the public realm is relatively unattractive which has a significant impact on potential sales values. As the redevelopment of the area gathers pace and the area develops into a new urban quarter, there is likely to be a step-change in values. Evidence from other sites in London indicates that expectations for such a step-change can be regarded as realistic. Consequently, the current viability position should not preclude the allocation of infrastructure to these sites. Indeed, this infrastructure would be essential in attracting potential residents into the area.

² The November 2011 Savills *Residential Property Focus Quarter 4 2011*, for example, forecasts that market values in mainstream London markets will increase by 19.1% over the 5 years to 2016.



Appendix 1 Appraisal summaries and outputs

AH Assumptions 35% of NIA 168839 47% 2 bed 356 34% 3 bed 257 Appraisal Reference VMP Appraisal v3. Site 1 2.11 Development and Sales Period Assumptions - driven by total number of market units Total Resi	Scheme	1	Bishopsgate Goods Ya	ard		Gross Site Area		4.24	
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Total Site Area 4.24 AH Assumptions 35% of NIA 166839 19% 1564 144 147% 2 bed 356 34% 3 bed 257	Average Unit Size (GIA)	742				Density		310 u. _l	o.ha
Total Site Area	Average Unit Size (NIA)	631				total unita		756	
Appraisal Reference VMP Appraisal v3. Site 1 2.11 Development and Sales Period Assumptions - driven by total number of market units Total Resi AH Market Sales per month sales period years Scheme (area) 476684 166839 309844 6 82 6.83	Total Site Area	4.24					/ 1 bad	756	111
Development and Sales Period Assumptions - driven by total number of market units	AH Assumptions	35% of NIA	166	839		47%	6 2 bed		356
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Private Sales Rate 680 per sq ft Affordable Sales Rate 150 per sq ft (blended rate) COSTS S.106 Assumptions £4,000 per unit £3,024,000 Decontamination £5,000 per unit at pre-constrt £ 3,780,000 Additional abnormal factors £3,000 per unit at pre-constrt £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Profeit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%								,	
Affordable Sales Rate 150 per sq ft (blended rate) COSTS S.106 Assumptions £4,000 per unit £3,024,000 Decontamination £5,000 per unit at pre-constrt £ 3,780,000 per unit at pre-constrt £2,268,000 Additional abnormal factors £3,000 per unit at pre-constrt £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Profit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Ground Rent Market units	£ 4,500		491	£2,211,300				
Affordable Sales Rate 150 per sq ft (blended rate) COSTS S.106 Assumptions £4,000 per unit £3,024,000 Decontamination £5,000 per unit at pre-constrt £ 3,780,000 per unit at pre-constrt £2,268,000 Additional abnormal factors £3,000 per unit at pre-constrt £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Profit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Private Sales Rate	680	ner sa ft						
COSTS \$5.106 Assumptions £4,000 per unit £3,024,000 Decontamination £5,000 per unit at pre-constrt £ 3,780,000 Additional abnormal factors £3,000 per unit at pre-constrt £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Tivate Gales Rate	000							
S.106 Assumptions £4,000 per unit £3,024,000 Decontamination £5,000 per unit at pre-constrt £ 3,780,000 Additional abnormal factors £3,000 per unit at pre-constrt £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Affordable Sales Rate	150	per sq ft (blended rate)						
S.106 Assumptions £4,000 per unit £3,024,000 Decontamination £5,000 per unit at pre-constrt £ 3,780,000 Additional abnormal factors £3,000 per unit at pre-constrt £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	COSTS								
Additional abnormal factors £3,000 per unit per unit at pre-construe £2,268,000 Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Private Profit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%		£4,000	per unit		£3,024,000				
Build Rate 15% plus 148 170.2 30 200.2 Contingency 3% Profit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Decontamination	£5,000	per unit	á	at pre-constru	£ 3,780,000			
Contingency 3% Profit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Additional abnormal factors	£3,000	per unit	á	at pre-constru	£2,268,000			
Profit 20% Private Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Build Rate	15% plus		148	170.2	3)	200.2	
Profit 6% Affordable Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Contingency								
Marketing 1.50% Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%									
Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Profit	6%	Affordable						
Sales agent 1.50% Sales legal fees 0.25% Professional fees 10%	Marketing	1.50%							
Professional fees 10%	Sales agent	1.50%							
	Sales legal fees	0.25%							
Finance 6.50%	Professional fees	10%							
	Finance	6.50%							

 Residual Land Value
 £
 60,989,393

 RLV per hectare
 £
 14,384,291

Scheme	2	Pritchard's Road Gas Wo	rks and The Oval	Gross Site Area less	3.75
Total Units	485			local park	1.2
Total Floor Area (GIA)	363,877				
Total Floor Area (NIA)	309,295			Net site area	2.55
Average Unit Size (GIA) Average Unit Size (NIA)	750 638			Density	190 u.p.ha
Total Site Area	3.75			total units	485
				27% 1	
AH Assumptions	35% of NIA		108253	43% 2 16% 3	
Appraisal Reference		VMP Appraisal v3. Site 2	2 2.11	14% 4	
	Development ar Total Resi	nd Sales Period Assumptions AH	- driven by total numbe Market	<mark>r of market units</mark> Sales per montls	calos porivoars
Scheme (area)	309295	108253		1042	sales perityears
Scheme (units)	485	170	20	315 6	53 4.38
Purchase	9 months				
Pre-construction	9 months				
Sales start	9 monts	after start of construction			
REVENUE				private spaces \	alue per space
Car park Spaces	20%	of total units		97 63	£15,000
Ground Rent Market units	£ 4,500		315 £ 1,418	,625	
Private Sales Rate	505	per sq ft			
Affordable Sales Rate	150	per sq ft (blended rate)			
COSTS					
S.106 Assumptions	£4,000	per unit	£ 1,940	,000	
Decontamination	£5,000	per unit	at pre-constru	ction £ 2,425,000	
Build Rate	15% plus		148	170.2 30	200.2
Contingency	3%				
Profit	20%	Private			
Profit	6%	Affordable			
Marketing	1.50%				
Sales agent	1.50%				
Sales legal fees	0.25%				
Professional fees	10%				
Finance	6.50%				
Residual Land Value RLV per hectare	£ 20,010,403 £ 5,336,107				

Scheme	3	Goodman's Fields						
Total Units Total Floor Area (GIA)	1,478 1,143,890							
Total Floor Area (NIA)	972,307							
Average Unit Size (GIA) Average Unit Size (NIA)	774 658							
Total Site Area	3.65							
AH Assumptions	35% of NIA		340307					
Appraisal Reference		VMP Appraisal v3. Site 3 2.11						
	Develor	oment and Sales Period Assumptions - o	Iriven by	total n	umber of mar	ket units		
	Total Resi	AH		Mark	et	Sales per month	sales period y	ears
Scheme (area) Scheme (units)	972307 1478	340307 517			631999 961		160	13
Purchase	9 months							
Pre-construction Sales start	9 months 9 monts	after start of construction						
REVENUE						private spaces	value per space	:
Car park Spaces	10%	of total units			148	96	£15,000	
Ground Rent Market units	£ 4,500		961	£	4,323,150			
Private Sales Rate	600	per sq ft						
Affordable Sales Rate	150	per sq ft (blended rate)						
		,						
COSTS S.106 Assumptions	£8,000	per unit		£	11,824,000			
o. 100 / todamptions	20,000	por anic		~	11,021,000			
Build Rate	15% plus		148		170.2	30	200.2	
Contingency	3%	D: 4						
Profit Profit	20% 6%	Private Affordable						
Marketing	1.50%							
Sales agent Sales legal fees	1.50% 0.25%							
Professional fees	10%							
Finance	6.50%							
Residual Land Value	£ 68,946,271							
RLV per hectare	£ 18,889,389							

Scheme	4	Bromley by Bow Redevel	opment			Gross Site Area	7.35	
						less		
Total Units	1,222					local park	0.52	
Total Floor Area (GIA)	942,550					primary school	0.4	
Total Floor Area (NIA)	801,167					Net site area	6.43	
Average Unit Size (GIA)	771					Density	190	u.p.ha
Average Unit Size (NIA)	656					Donotty	100	u.p.iio
Average offit Size (MA)	030					total units	1222	
Total Site Area	7.35					total units	1222	
Total Site Alea	7.33					200/	1 bed	240
ALL A	050/ -f NUA		000400					318
AH Assumptions	35% of NIA		280409				2 bed	513
							3 bed	134
						21%	4 bed	257
Appraisal Reference		VMP Appraisal v3. Site	4 2.11					
		nd Sales Period Assumption						
	Total Resi	AH		Marke	et	Sales per month	sales period	years
Scheme (area)	801167	280409			520759			
Scheme (units)	1222	428			794	6	132	11
		_						
Purchase	9 months							
Pre-construction	9 months							
Sales start	9 monts	after start of construction						
Sales start	9 11101118	after start of construction						
REVENUE						privata apacas	value per coa	20
	000/	Lava e s			0.4.4	private spaces	value per spa	
Car park Spaces	20%	of total units			244	159	£15,000	
			=0.4		0 == 1 0= 0			
Ground Rent Market units	£ 4,500		794	£	3,574,350			
Private Sales Rate	441	per sq ft						
Affordable Sales Rate	150	per sq ft (blended rate)						
COSTS								
S.106 Assumptions	£4,000	per unit		£	4,888,000			
·								
Decontamination	£5,000	per unit		at pre-	construction	£ 6,110,000		
	,	•				, .,		
Build Rate	15% plus		148		170.2	30	200.2	
Contingency	3%		0			00	200.2	
Profit	20%	Private						
Profit	6%	Affordable						
Piolit	070	Allordable						
NA - do sáis - o	4 5007							
Marketing	1.50%							
Sales agent	1.50%							
Sales legal fees	0.25%							
Professional fees	10%							
Finance	6.50%							
Residual Land Value	£ 15,747,505							
RLV per hectare	£ 2,142,518							
	, ,							

Scheme		A.U		7	0 00 4		_
	5	Ailsa Street			Gross Site Area less	3	.5
Total Units	295	l		1	local park		0
Total Floor Area sq ft (GIA)	290,914				primary school	0	.4
Total Floor Area sq ft (NIA)	247,277				Net site area		.1
Average Unit Size sq ft (Gl.	988				Density	C	95 u.p.ha
Average Unit Size sq ft (NI)	840				Density	•	oo u.p.na
Total Site Area	3.1				total units		95
AH Assumptions	35% of NIA		86,547			1 bed 2 bed	29 74
				_		3 bed 4 bed	88 103
Appraisal Reference		ADL Appraisal v1. Site 5.2	24Feb12				
	Davidonment	and Colon Deviced Accumenting	م ما ما ما ما	n hu total number	of montrest units		
	Total Resi	ind Sales Period Assumption AH	ns - anvei	Market	Sales per month	sales perio	d vears
Scheme (net area)	247,277		86,547	160,7			. ,
Scheme (units)	295	103		1	91 6	3	32 2.66
Purchase	9 months						
Pre-construction	9 months						
Sales start	9 monts	after start of construction					
REVENUE					private spaces	value per sp	ace
Car park Spaces	32%	of total units		Ş	93 60	£15,00	
Ground Rent Market units	£ 4,500		191	£ 861,41	3		
Ground Nert Warket units	2 4,500		131	2 001,41			
Private Sales Rate	£410	per sq ft					
Affordable Sales Rate	£150	per sq ft (blended rate)					
COSTS							
S.106 Assumptions	£4,000	per unit		£ 1,178,0	00		
Decontamination	£5,000	per unit		at pre-construction	on £ 1,472,500	£ 475,00	0 per ha
Build Rate	15% plus		148	3 170	0.2 30	200	.2
Contingency	3%						
Profit	20%	Private					
Profit	6%	Affordable					
Marketing	1.50%						
Sales agent	1.50%						
Sales legal fees	0.25%						
Professional fees	10%						
Finance	6.50%						
				Indicative Exist	ng Use Value	£ 48,552,00	00
				Indicative Exist	ing Use value	£ 48,552,00 £ 13,872,00	
	£ 3,468,252				ng Use value		

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0.1				43		0 0': 4		0.50	
Scheme	6	Leven Road Gas Work	s (Scenario	1)		Gross Site Area less		8.56	
Total Units	F	592				local park		1.2	
Total Floor Area (GIA)	466,8					primary school		0.4	
Total Floor Area (NIA)	396,8					Net site area		6.96	
. o.a oo. , oa ()	300,0					Trot one area		0.00	
Average Unit Size (GIA)	789					Density		85 ı	u.p.ha
Average Unit Size (NIA)	670					•			•
						total units	592		
Total Site Area	8.56								
							1 bed		59
AH Assumptions	35% of NIA	A	138899				2 bed		349
							3 bed		77
Approinal Deference		VMD approinal v 2 site 6	2 11 aconoria	.1		18%	4 bed		106
Appraisal Reference		VMP appraisal v.3 site 6	z. i i scenano	1					592
									592
	Developmer	nt and Sales Period Assump	tions - driven	by tota	I number of	market units			
	Total Resi			Marke		Sales per month	sales p	eriod y	years
Scheme (area)	396855	138899			257956				
Scheme (units)	592	207			385	6	5	64	5
Purchase	9 months								
Pre-construction	9 months								
Sales start	9 monts	after start of construction	n						
REVENUE						private spaces	value pe	ar enace	_
Car park Spaces	40%	of total units			237	154		5,000	C
Cai paik Spaces	4076	or total units			231	134	۲.۱	3,000	
Ground Rent Market units	£ 4,5	500	385	£	1,731,600				
	.,,,				1,101,000				
Private Sales Rate	455	•							
	400	per sq ft							
Affordable Sales Rate	150	per sq ft (blended rate)							
Affordable Sales Rate									
costs	150	per sq ft (blended rate)			0.000.000				
				£	2,368,000				
COSTS S.106 Assumptions	150 £4,000	per sq ft (blended rate) per unit				2 260 000			
COSTS S.106 Assumptions Decontamination	150 £4,000 £5,000	per sq ft (blended rate) per unit per unit			2,368,000 construction	£ 2,960,000			
COSTS S.106 Assumptions Decontamination SUDS Cost	£4,000 £5,000 £1,000	per sq ft (blended rate) per unit	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate	£4,000 £5,000 £1,000 15% plus	per sq ft (blended rate) per unit per unit	148					200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency	£4,000 £5,000 £1,000 15% plus 3%	per sq ft (blended rate) per unit per unit per unit	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate	£4,000 £5,000 £1,000 15% plus	per sq ft (blended rate) per unit per unit	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit	£4,000 £5,000 £1,000 15% plus 3% 20% 6%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing	£4,000 £5,000 £1,000 15% plus 3% 20% 6%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing	£4,000 £5,000 £1,000 15% plus 3% 20% 6%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent Sales legal fees	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50% 1.50% 0.25%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent Sales legal fees Professional fees	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50% 1.50% 0.25%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent Sales legal fees	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50% 1.50% 0.25%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent Sales legal fees Professional fees	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50% 1.50% 0.25%	per sq ft (blended rate) per unit per unit per unit Private	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent Sales legal fees Professional fees	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50% 0.25% 10% 6.50%	per sq ft (blended rate) per unit per unit Private Affordable	148		construction			200.2	
COSTS S.106 Assumptions Decontamination SUDS Cost Build Rate Contingency Profit Profit Marketing Sales agent Sales legal fees Professional fees Finance	£4,000 £5,000 £1,000 15% plus 3% 20% 6% 1.50% 1.50% 0.25%	per sq ft (blended rate) per unit per unit Private Affordable	148		construction			200.2	

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Scheme	6	Leven Road Gas Works (S	cenario 2	2)		Gross Site Area		8.56	
Total Units	626		1			less local park		1.2	
Total Floor Area (GIA)	493,906					local park		1.2	
Total Floor Area (NIA)	419,820					Net site area		7.36	
Average Unit Size (GIA) Average Unit Size (NIA)	789 671					Density		85 u	ı.p.ha
	-					total units	626		
Total Site Area	8.56					109	% 1 bed		63
AH Assumptions	35% of NIA		146937				6 2 bed 6 3 bed		369 81
Appraisal Reference	VI	MP appraisal v.3 site 6 2.11	scenario	2		189	% 4 bed		113
	Development ar	nd Sales Period Assumptions	s - driven	by total	number of r	narket units			
	Total Resi	AH		Market		Sales per month	sales p	period y	ears
Scheme (area)	419820	146937			272883				
Scheme (units)	626	219			407		6	68	6
Purchase	9 months								
Pre-construction	9 months								
Sales start	9 monts	after start of construction							
REVENUE						private spaces	value p	er space)
Car park Spaces	40%	of total units			250	163	£	15,000	
Ground Rent Market units	£ 4,500		407	£	1,831,050				
Private Sales Rate	455	per sq ft							
Affordable Sales Rate	150	per sq ft (blended rate)							
COSTS									
S.106 Assumptions	£4,000	per unit		£	2,504,000				
Decontamination	£5,000	per unit		at pre-c	onstruction	£ 3,130,000)		
SUDS Cost Build Rate	£1,000 15% plus	per unit	148		170.2	3	0	200.2	
Contingency	3%					· ·		200.2	
Profit	20%	Private							
Profit	6%	Affordable							
Marketing	1.50%								
Sales agent	1.50%								
Sales legal fees	0.25%								
Professional fees	10%								
Finance	6.50%								
Residual Land Value	£ 19,131,763								
RLV per hectare	£ 2,235,019								

				1		Gross Site A	rea		6.16	
Scheme	7	Westferry (Scenario 1)		J		less				
Total Units Total Floor Area sq ft (GIA) Total Floor Area sq ft (NIA)						Secondary s	chool		1.5	
Average Unit Size sq ft (GI	988					Net site area				u.p.ha
Average Unit Size sq ft (NI						Density			260	
Total Site Area	4.66					total units			1212	121
AH Assumptions	35% of NIA		356,062				25%	1 bed 2 bed		303 363
Appraisal Reference	ADI	L Appraisal v1. Site 7 24Fe	b12 scena	rio 2				3 bed 4 bed		424
	Development a	and Sales Period Assumption AH	ons - driver	n by tota Market		market units Sales per m	onth	sales n	eriod	VASTS
Scheme (net area) Scheme (units)	1,017,320 1,212	424	356,062	Market	661,258 788		6			10.94
Purchase Pre-construction Sales start	9 months 9 months 9 monts	after start of construction								
REVENUE Car park Spaces	40%	of total units			485	private space	es 315	value pe £1	er spac 5,000	e
Ground Rent Market units	£ 4,500		788	£	3,543,930					
Private Sales Rate	£604	per sq ft								
Affordable Sales Rate	£150	per sq ft (blended rate)								
COSTS S.106 Assumptions	£4,000	per unit		£	4,846,400					
Decontamination	£5,000	per unit			onstruction	£ 6.058	3.000	£ 1,300	0.000	per ha
Build Rate Contingency Profit Profit	15% plus 3% 20% 6%	Private Affordable	148		170.2		30		200.2	
Marketing Sales agent Sales legal fees	1.50% 1.50% 0.25%									
Professional fees	10%									
Finance	6.50%									
					ive Existing r hectare	g Use Value		##### £ 8,400		
Residual Land Value RLV per hectare	£ 100,992,232 £ 21,672,153									

					Gross Site Area	6.16
Scheme	7	Westferry (Scenario 2)]	less	0.10
Total Units Total Floor Area sq ft (GIA) Total Floor Area sq ft (NIA)	1,186 1,171,164 995,489				local park Primary school	1.2 0.4
Average Unit Size sq ft (Gl.	988				Net site area	4.56 u.p.ha
Average Unit Size sq ft (NI					Density	260
Total Site Area	4.56				total units	1186 119
AH Assumptions	35% of NIA		348,421		25%	1 bed 296 2 bed 356
Appraisal Reference	ADI	L Appraisal v1. Site 7 24Fe	eb12 scena	urio 2		3 bed 415 4 bed
	Development a	ind Sales Period Assumption	ons - driver	n by total number of Market		sales period years
Scheme (net area) Scheme (units)	995,489 1,186	415	348,421	647,068 77		
Purchase Pre-construction Sales start	9 months 9 months 9 monts	after start of construction				
REVENUE Car park Spaces	40%	of total units		474		value per space £15,000
Ground Rent Market units	£ 4,500		771	£ 3,467,880		
Private Sales Rate	£604	per sq ft				
Affordable Sales Rate	£150	per sq ft (blended rate)				
COSTS S.106 Assumptions	£4,000	per unit		£ 4,742,400		
Decontamination	£5,000	per unit		at pre-construction		£ 1,300,000 per ha
Build Rate Contingency Profit Profit	15% plus 3% 20% 6%	Private Affordable	148	170.2	2 30	200.2
Marketing Sales agent Sales legal fees	1.50% 1.50% 0.25%					
Professional fees	10%					
Finance	6.50%					
				Indicative Existin EUV per hectare	g Use Value	######### £ 8,400,000
Residual Land Value RLV per hectare	£ 84,990,571 £ 18,638,283					

Cahama		8	Craabarbarr tarre aant		Ì		Gross Site Area		4.00	
Scheme		ō	Crossharbour town cent	re			less		4.89	
Total Units		831								
Total Floor Area (GIA) Total Floor Area (NIA)		656,389 557,930					Net site area		4.89	
Average Unit Size (GIA) Average Unit Size (NIA)		790 671					Density		170 u	ı.p.ha
Total Site Area		4.89					total units		831	
AH Assumptions	35	5% of NIA		195276			54%	% 1 bed % 2 bed % 3 bed		133 449 50
Appraisal Reference			VMP Appraisal v3. Site	8 2.11				% 4 bed		200
	Dev	velopment ar	nd Sales Period Assumptio	ns - driven	by tot	al number of r	market units			
		otal Resi	AH		Marke	et	Sales per month	sales p	period y	ears
Scheme (area) Scheme (units)		557930 831	195276 291			362655 540		6	90	8
Purchase Pre-construction Sales start	9	months months months	after start of construction							
REVENUE							private spaces	value p	er space	.
Car park Spaces		30%	of total units			249	162		15,000	
Ground Rent Market units	£	4,500		540	£	2,430,675				
Private Sales Rate		604	per sq ft							
Affordable Sales Rate		150	per sq ft (blended rate)							
COSTS S.106 Assumptions		£6,000	per unit		£	4,986,000				
Decontamination		£5,000	per unit		at pre	-construction	£ 4,155,000)		
Build Rate Contingency Profit Profit	1	5% plus 3% 20% 6%	Private Affordable	148		170.2	3	0	200.2	
Marketing Sales agent Sales legal fees		1.50% 1.50% 0.25%								
Professional fees		10%								
Finance		6.50%								
Residual Land Value RLV per hectare		56,141,997 11,480,981								

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				_					
Scheme	9	McGrath Site (Scenario 1)				Gross Site Area		2.67	
T 4 111 %	150			Ī		less		0.5	
Total Units Total Floor Area (GIA)	152 136,057					local park		0.5	
Total Floor Area (NIA)	115,648					Net site area		2.17	
Average Unit Size (GIA) Average Unit Size (NIA)	895 761					Density		70	u.p.ha
Average Offic Size (NIA)	701					total units		152	
Total Site Area	2.67								
AH Assumptions	35% of NIA		40477				3% 1 bed 3% 2 bed		12 46
All Assumptions	33 /6 OI NIA		40477				3% 2 bed 3% 3 bed		43
	•						4% 4 bed		52
Appraisal Reference		VMP appraisal v.2 site 9 7.	10.2011						
	Development : Total Resi	and Sales Period Assumptions AH	s - driver	by total Market	number of	market units Sales per mont	h salsa	poriod	V0250
Scheme (area)	115648	40477		warket	75171	Sales per mon	ii Sales	periou	years
Scheme (units)	152	53			99		6	16	1
Purchase	9 months								
Pre-construction	9 months								
Sales start	9 monts	after start of construction							
REVENUE						privata angga	volue	noronoo	
Car park Spaces	40%	of total units			61	private spaces	value 40	per space £15,000	е
ос. раж оразов	1070	or total arms			0.			2.0,000	
Ground Rent Market units	£ 4,500		99	£	444,600				
Private Sales Rate	403	per sq ft							
	4-0								
Affordable Sales Rate	150	per sq ft (blended rate)							
COSTS									
S.106 Assumptions	£4,000	per unit		£	608,000				
Decontamination	£5,000	per unit		at pre-co	nstruction	£ 760,00	00		
Build Rate Contingency	15% plus 3%		148		170.2		30	200.2	
Profit	20%	Private							
Profit	6%	Affordable							
	4 =00/								
Marketing	1.50%								
	4 =00/								
Sales agent Sales legal fees	1.50% 0.25%								
Salos logal 1663	0.20/0								
Professional fees	10%								
Finance	6.50%								
i manos	0.30 /6								
L									
Residual Land Value RLV per hectare	£ 2,947,644 £ 1,103,987								
NEV per riculate	۱,۱۵۵,۶۵/								

				1					
Scheme	9	McGrath Site (Scenario 2))			Gross Site Area	a	2.67	
Total Units	117			1		less local park		1	
Total Floor Area (GIA)	104,734					local park		'	
Total Floor Area (NIA)	89,024					Net site area		1.67	
Average Unit Size (GIA)	895					Density		70 ι	u.p.ha
Average Unit Size (NIA)	761					total units		117	
Total Site Area	2.67						8% 1 bed		0
AH Assumptions	35% of NIA		31158			3	80% 2 bed 28% 3 bed		9 35 33
Appraisal Reference		VMP appraisal v.2 site 9 7	7.10.2011	l.			34% 4 bed		40
	Development a	and Sales Period Assumption	ns - driver	by total	number of	market units			
	Total Resi	АН		Market		Sales per mon	th sales	period y	years
Scheme (area)	89024	31158			57865				
Scheme (units)	117	41			76		6	13	1
Purchase	9 months								
Pre-construction	9 months								
Sales start	9 monts	after start of construction							
REVENUE						private spaces	value	per space	е
Car park Spaces	40%	of total units			47		30	£15,000	
Ground Rent Market units	£ 4,500		76	£	342,225				
Private Sales Rate	403	per sq ft							
r iivale Jales Nale	403	per sq it							
Affordable Sales Rate	150	per sq ft (blended rate)							
COSTS									
S.106 Assumptions	£4,000	per unit		£	468,000				
Sales agent	1.50%				,				
Sales legal fees	0.25%								
Professional fees	10%								
Finance	6.50%								
Residual Land Value RLV per hectare	£ 2,145,153 £ 803,428								

Scheme	10	Neptune Wharf (Scenario	1)			Gross Site Area		2.31	
Total Units Total Floor Area (GIA)	64 57,857					less local park primary school		1 0.4	
Total Floor Area (NIA) Average Unit Size (GIA)	49,178 904					Net site area Density		70	u.p.ha
Average Unit Size (NIA)	768					total units		64	
Total Site Area AH Assumptions	2.31 35% of NIA		17212				% 1 bed % 2 bed		6 15
Appraisal Reference		MP Appraisal v3. Site 10 2.1		1		299	% 3 bed % 4 bed		18 24
	_								
	Development a Total Resi	and Sales Period Assumption AH		by total r Market	number of	market units Sales per month	sales per	riod	years
Scheme (area) Scheme (units)	49178 64	17212 22			31966 42		6		0.58
Purchase Pre-construction Sales start	9 months 9 months 9 monts	after start of construction							
REVENUE Car park Spaces	40%	of total units			26	private spaces	value per £15	spac ,000	е
Ground Rent Market units	£ 4,500		42	£	187,200				
Private Sales Rate	403	per sq ft							
Affordable Sales Rate	150	per sq ft (blended rate)							
COSTS S.106 Assumptions	£4,000	per unit		£	256,000				
Decontamination	£5,000	per unit	;	at pre-cor	nstruction	£ 320,000)		
Build Rate Contingency Profit Profit	15% plus 3% 20% 6%	Private Affordable	148		170.2	3	0 2	00.2	
Marketing Sales agent Sales legal fees	1.50% 1.50% 0.25%								
Professional fees	10%								
Finance	6.50%								
Residual Land Value RLV per hectare	£ 1,050,868 £ 454,921								

Scheme	10	Neptune Wharf (Scenario 2)]		Gross Site	Area		2.31	
			_		less				
Total Units	92		7		local park			0.6	
Total Floor Area (GIA)	83,367				primary sc	hool		0.4	
(,					Net site ar				
Total Floor Area (NIA)	70,862				net site ar	ea		1.31	
Average Unit Size (GIA)	906				Density			70	u.p.ha
Average Unit Size (NIA)	770								
Total Site Area	2.31				total units			92	
AH Assumptions	35% of NIA	2480	12				1 bed 2 bed		9 22
7117100011110110	0070 01 14171	2100				29%	3 bed		27
Appraisal Reference		VMP appraisal v.2 site 10 7.10.20	11			37%	4 bed		34
	Development a	and Sales Period Assumptions - driv	en l	by total number	of market unit	S			
	Total Resi	AH		/larket	Sales per		sales	period	years
Scheme (area)	70862	24802		460	60				
Scheme (units)	92	32			60	6		10	0.83
Purchase	9 months								
Pre-construction	9 months								
Sales start	9 monts	after start of construction							
Sales start	9 11101113	arter start of construction							
REVENUE					private spa	aces	value	per spac	ce
	40%	of total units		,	37	24			
Car park Spaces	40%	or total units		·	07	24		£15,000	
Ground Rent Market units	£ 4,500	6	60 £	£ 269,10	00				
Private Sales Rate	403	per sq ft							
Affordable Sales Rate	150	per sq ft (blended rate)							
00070									
COSTS	0.4.000								
S.106 Assumptions	£4,000	per unit	ž	£ 368,00	00				
Decontamination	£5,000	per unit	а	at pre-construction	on £ 4	160,000			
Build Rate	15% plus	14	8	170).2	30		200.2	
Contingency	3%								
Profit	20%	Private							
Profit	6%	Affordable							
Marketing	1.50%								
	1.50%								
Sales agent									
Sales agent Sales legal fees	0.25%								
Sales agent Sales legal fees Professional fees	0.25% 10%								
Sales legal fees									
Sales legal fees Professional fees	10%								

				•						
Scheme	11	News International (Sce	nario 1)	j		Gross Site Are	a		5.78	3
Total Units	691			1		local park			C)
Total Floor Area sq ft (GIA)	682,460					Secondary Sch	nool		1.5	5
Total Floor Area sq ft (NIA)	580,091					Net site area			4.28	3
Average Unit Size sq ft (GI. Average Unit Size sq ft (NI.	988 840					Density			161	u.p.ha
Total Site Area	4.28					total units			691	
AH Assumptions	35% of NIA		203,032			2	25%	1 bed 2 bed 3 bed		69 173 207
Appraisal Reference		ADL Appraisal v1. Site 1	l 12Feb12	•				4 bed		242
	Development a	and Sales Period Assumpti	<mark>ons - drive</mark>	n by tota	al number of					
Cohomo (not ovos)	Total Resi	АН	202.022	Market		Sales per moi	nth	sales p	eriod	years
Scheme (net area) Scheme (units)	580,091 691	242	203,032		377,059 449		6		75	6.24
, ,										
Purchase	9 months									
Pre-construction	9 months									
Sales start	9 monts	after start of construction								
REVENUE						private spaces	;	value p	er spac	e
Car park Spaces	32%	of total units			218		142		£15,000	
Ground Rent Market units	£ 4,500		449	£	2,020,801					
Private Sales Rate	£604	per sq ft								
Affordable Sales Rate	£150	per sq ft (blended rate)								
, meradale dalee ridie	2.00	po. 64 (2.6.1464 14.6)								
COSTS										
S.106 Assumptions	£4,000	per unit		£	2,763,488					
Decontamination	£0	per unit		at pre-	construction	£	-	£	-	per ha
Build Rate	15% plus		148		170.2		30		200.2	2
Contingency	3%									
Profit	20%	Private								
Profit	6%	Affordable								
Marketing	1.50%									
Sales agent	1.50%									
Sales legal fees	0.25%									
Professional fees	10%									
Finance	6.50%									
					i ve Existing er hectare	Use Value			52,000 00,000	
								•		
Residual Land Value	£ 42,061,608									

				1			_
Scheme	11	News International (Option	on 2)		Gross Site Area less	5.78	8
Total Units	868			1	local park	(0
Total Floor Area sq ft (GIA)	857,858				primary school	0.4	
Total Floor Area sq ft (NIA)	729,179				Net site area	5.38	
Average Unit Size sq ft (Gl. Average Unit Size sq ft (Nl.	988 840				Density	16	1 u.p.ha
Total Site Area	5.38				total units	86	
AH Assumptions	35% of NIA		255,213		25%	1 bed 2 bed 3 bed	87 217 26
Appraisal Reference	ΑС	DL Appraisal v1. Site 11 12F	eb12 Opti	on2		4 bed	304
		and Sales Period Assumption	ns - driver				
Scheme (net area)	Total Resi 729,179	АН	255,213	Market 473,967	Sales per month	sales period	ı years
Scheme (units)	868	304	200,210	564	1 6	94	4 7.84
Purchase Pre-construction Sales start	9 months 9 months 9 monts	after start of construction					
REVENUE					private spaces	value per spa	ace
Car park Spaces	32%	of total units		274		£15,000	
Ground Rent Market units	£ 4,500		564	£ 2,540,165			
Private Sales Rate	£604	per sq ft					
Affordable Sales Rate	£150	per sq ft (blended rate)					
COSTS							
S.106 Assumptions	£4,000	per unit		£ 3,473,730			
Decontamination	£0	per unit		at pre-construction	£ -	£ -	per h
Build Rate Contingency Profit	15% plus 3% 20%	Private	148	170.2	2 30	200.:	2
Profit	6%	Affordable					
Marketing	1.50%						
Sales agent Sales legal fees	1.50% 0.25%						
Professional fees	10%						
Finance	6.50%						
				Indicative Existing EUV per hectare	g Use Value	£ 48,552,000 £ 8,400,000	

Scheme	12	Bow Common Gas World	(S			Gross Site Area		3.94	
				_		less			
Total Units	390					local park		0	
Total Floor Area sq ft (GIA)	385,191					primary school		0.4	
Total Floor Area sq ft (NIA)	327,412					Net site area		3.54	
Average Unit Size sq ft (Gl. Average Unit Size sq ft (Nl.	988 840					Density		110	u.p.h
Total Site Area						total units		390	
	3.54						1 bed		39
AH Assumptions	35% of NIA		114,594				2 bed 3 bed		97 117
Appraisal Reference		ADL Appraisal v1. Site 12	2 12Feb12			35%	4 bed		130
	Development a	nd Sales Period Assumption	ons - driver	by tota	al number of	market units			
Scheme (net area)	Total Resi	AH	114 504	Market		Sales per month	sales	period	years
Scheme (units)	327,412 390	136	114,594		212,818 253	6	i	42	3.52
Durchasa	O months								
Purchase Pre-construction	9 months 9 months								
Sales start	9 monts	after start of construction							
REVENUE						private spaces	value	per spac	ce
Car park Spaces	32%	of total units			123	80		£15,000	
Ground Rent Market units	£ 4,500		253	£	1,140,572				
Private Sales Rate	£403	per sq ft							
Affordable Sales Rate	£150	per sq ft (blended rate)							
COSTS									
S.106 Assumptions	£4,000	per unit		£	1,559,756				
Decontamination	£2,727	per unit		at pre-d	construction	£ 1,063,225	£ 3	00,346	per h
Build Rate	15% plus		148		170.2	30		200.2	
Contingency	3%								
Profit	20%	Private							
Profit	6%	Affordable							
Marketing	1.50%								
Sales agent	1.50%								
Sales legal fees	0.25%								
Professional fees	10%								
Finance	6.50%								
					i ve Existinç er hectare	ງ Use Value		74,000 00,000	
Residual Land Value RLV per hectare	£ 7,470,004 £ 2,110,171								