



BNP PARIBAS Real Estate
REAL ESTATE for a changing world

West of England Combined Authority: High level assessment of the viability of development typologies

Prepared for

West of England Combined Authority

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1 Introduction

The West of England Combined Authority ('WECA', 'the Authority') - comprising Bristol City Council, South Gloucestershire Council and Bath & North East Somerset Council ('the Unitary Authorities', 'UA') - have commissioned BNP Paribas Real Estate to provide a viability advice to inform the Spatial Development Strategy ('SDS'). The SDS will provide a framework for the long-term provision of housing, employment and infrastructure (including green infrastructure). The SDS is a long term strategic plan covering the period 2022- 2042 intended to provide a clear strategic narrative based on key principles of clean and inclusive recovery and growth, with sub-objectives including carbon reduction; protecting and enhancing the natural environment; placemaking; and affordability.

The SDS will provide a framework for the Local Plans of each of the three local authorities and will therefore set high level policy and also indicate broad locations for growth. Broad locations for growth will be determined taking account of constraints, capacity and deliverability. As part of this exercise, the Authority is seeking to determine the high-level viability of a range of development typologies to inform its assessment of various scenarios as part of the technical process to assist in arrive at the SDS housing requirement. The objectives are summarised as follows:

- **Purpose:** to provide viability advice to assist the Authority in arriving at a preferred scenario that will underpin the housing requirement;
- **Outputs:** undertake a high level assessment of a range of development typologies by value areas;

The Authority will use the results to assist in arriving at a housing requirement. It is important to note that the Study is not intended to address the detail of local plan requirements and this will be addressed by each of the UAs individually at the appropriate time.

This report sets out the inputs to and results of appraisals of the development typologies identified by the Authority. The report has regard to the National Planning Policy Framework and the 'Viability' section of the Planning Practice Guidance. The appraisals test at high level the viability of the development typologies in at a range of values reflecting recently achieved residential sales values in each UA area.

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 nine 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 providers (RPs).

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 Anthony Lee MRTPI MRICS, RICS Registered Valuer.

We have extensive experience of advising landowners, developers, local authorities and RPs on the value of affordable housing and economically and socially sustainable residential developments. We have also advised over sixty authorities on the viability of development in their areas for the purposes

of setting local plan policies and CIL charging schedules.

In 2007, we were appointed by the 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. In 2011, we were appointed again by the GLA to undertake a further independent review of the toolkit and other available appraisal models. Our report was published by the GLA in October 2012 and as a result of our findings and recommendations the GLA published an updated version of the toolkit in February 2014.

In addition, we were retained by Homes England to advise on better management of procurement of affordable housing through planning obligations. As part of the commission, we developed an Area Wide Viability Model to establish the levels of grant funding required in an area to meet affordable housing targets.

Anthony Lee was a member of the working group under the chairmanship of Sir John Harman which prepared guidance titled ‘Viability Testing Local Plans: Advice for Practitioners’, published by the Local Housing Delivery Group in 2012. He was a member of the ‘*Developer Contributions Technical Expert Panel*’ established by MHCLG to advise on the use of viability assessments in local plans and development management. This group advised on the viability section of the 2019 Planning Practice Guidance. He is also a member of the RICS Working Group on the valuation of affordable housing.

1.2 Report structure

This report is structured as follows:

Section 2 provides an overview of the role of viability in plan making and outlines the approaches adopted to testing viability, including establishing appraisal inputs and benchmark land values;

Section 3 describes our methodology and approach to testing the development typologies;

Section 4 outlines the inputs adopted in our appraisals of the SDLs;

Section 5 assesses the outputs of the appraisals and the extent to which the development typologies will be viable in each UA area; and

Section 6 sets out our conclusions.

1.3 Disclaimer

In preparing this report and the supporting appraisals, we have given full regard to the RICS Guidance Note (‘GN’) ‘Assessing viability in planning under the National Planning Policy Framework for England 2019’ (first edition, March 2021). However, paragraph 2.2.3 of the GN acknowledges that statutory planning guidance takes precedence over RICS guidance. Conflicts may emerge between the GN and the PPG and/or other adopted development plan documents. In such circumstances, we have given more weight to the PPG and development plan documents.

In carrying out this assessment, we have acted with objectivity, impartiality, without interference and with reference to all appropriate available sources of information.

We are not aware of any conflicts of interest in relation to this assessment.

In preparing this report, no ‘performance-related’ or ‘contingent’ fees have been agreed.

The report is addressed to the West of England Combined Authority only and should not be reproduced without our consent.

2 Viability and plan making

In this section, we consider the viability drivers for local authorities, developers and landowners in the context of plan making. These drivers include the need for development to generate reasonable returns to landowners and developers. We provide an overview of the mechanics of assessing viability and consider the reasons why local planning authorities need to be mindful of viability when developing local plans. We address the requirements set out in the National Planning Policy Framework and Planning Practice Guidance, and the guidance offered on this matter in *'Viability testing local plans: Advice for planning practitioners'* published by the Local Housing Delivery Group. Although the SDS does not seek to introduce detailed policy, nor does it allocate sites for development, the principles for testing its viability are consistent with those applied to testing local plans.

2.1 National guidance

2.1.1 National Planning Policy Framework

In February 2019, the government published a revised NPPF and revised PPG, with subsequent updates to the PPG in May and September 2019. The NPPF has recently been further revised, in July 2021, however there are no changes directly relevant to viability testing.

Paragraph 34 of the NPPF states that *"Plans should set out the contributions expected from development. This should include setting out the levels and types of affordable housing provision required, along with other infrastructure (such as that needed for education, health, transport, flood and water management, green and digital infrastructure). Such policies should not undermine the deliverability of the plan"*.

Paragraph 58 of the NPPF suggests that *"Where up-to-date policies have set out the contributions expected from development, planning applications that comply with them should be assumed to be viable. It is up to the applicant to demonstrate whether particular circumstances justify the need for a viability assessment at the application stage. The weight to be given to a viability assessment is a matter for the decision maker, having regard to all the circumstances in the case, including whether the plan and the viability evidence underpinning it is up to date, and any change in site circumstances since the plan was brought into force. All viability assessments, including any undertaken at the plan-making stage, should reflect the recommended approach in national planning guidance, including standardised inputs, and should be made publicly available"*.

In Bath and Bristol and other major settlements within the area, the fine grain pattern of types of development and varying existing use values make it impossible to realistically test a sufficient number of typologies to reflect every conceivable scheme that might come forward over the plan period.

2.1.2 Planning Practice Guidance PPG requirements

The Planning Practice Guidance ('PPG') stresses the need for evidence on viability to ensure that Local Plan vision and policies are realistic. Paragraph 003 stresses that *"assessing the viability of plans does not require individual testing of every site or assurance that individual sites are viable. Plan makers can use site typologies to determine viability at the plan making stage"*. Evidence should be proportionate and not every site needs to be tested.

The PPG goes on to indicate that local planning authorities should consider the range of costs on development, including those imposed through national and local standards; local policies; the Community Infrastructure Levy; and potential Section 106 obligations.

The PPG indicates that local plan policies should be tested using current costs and current values, and not based on *"an expectation of future rises in values at least for the first five years of the plan period"*.

Prior to the publication of the updated NPPF and the revised PPG, the meaning of a "competitive return" had been the subject of considerable debate. For the purposes of testing the viability of a

Local Plan, the Local Housing Delivery Group concluded that the current use value of a site (or a credible alternative use value) plus an appropriate uplift, represents a competitive return to a landowner. Some members of the RICS considered that a competitive return is determined by market value, although there was no consensus around this view. The revised NPPF removes the requirement for “competitive returns” and is silent on how landowner returns should be assessed. The revised PPG indicates that viability testing of plans should be based on existing use value plus a landowner premium. The revised PPG also expresses a preference for plan makers to test the viability of planning obligations and affordable housing requirements at the plan making stage in the anticipation that this may reduce the need for viability testing developments at the development management stage. Local authorities have, of course, been testing the viability of their plan policies since the first NPPF was adopted, but have adopted policies based on the most viable outcome of their testing, recognising that some schemes coming forward will not meet the targets. This approach maximises delivery, as there is flexibility for schemes to come forward at levels of obligations that are lower than the target, if a proven viability case is made. The danger of the approach in the revised NPPF is that policy targets will inevitably be driven down to reflect the least viable outcome; schemes that could have delivered more would not do so.

2.1.3 Local Housing Delivery Group guidance¹

Section 2 of the Local Housing Delivery Group guidance identifies the purpose and role of viability assessments within plan-making. This identifies that: *“the role of the test is not to give a precise answer as to the viability of every development likely to take place during the plan period. No assessment could realistically provide this level of detail. Some site-specific tests are still likely to be required at the development management stage. Rather, it is to provide high level assurance that the policies within the plan are set in a way that is compatible with the likely economic viability of development needed to deliver the plan”*. The guidance recommends that some form of sensitivity testing is carried out after the first five years of the plan to test the robustness of key outcomes of viability testing.

2.2 Assessing viability

When establishing the extent to which developments in an area are viable and able to meet planning policy requirements, the key issue is the extent to which there is a ‘surplus’ above the value of the site in existing use (being the lowest value that a landowner would normally accept for their site). The ability of sites to accommodate policy requirements is therefore a key consideration in the plan making process; if the cumulative impact of policy requirements is too high, landowners may not bring their sites forward for development, or there may be a need for additional public investment to support growth to ensure the plan is deliverable. Viability at the plan making stage therefore helps to establish a level of policy requirements that can be viably provided in ‘average’ circumstances.

It is important to note that sites across a local authority area are typically heterogeneous; variations between sites and site-specific factors will mean that there is no ‘one-size fits all’ policy and a degree of flexibility is required in the application of plan policies. Most councils’ policy requirements for affordable housing are framed as targets which are subject to site-specific circumstances, including the viability of development. When a developer is unable to meet the policy targets in full, the onus is upon them to demonstrate why the scheme cannot do so by submitting a Viability Appraisal with the planning application. The planning authority will then procure valuation advice to validate appraisals submitted by applicants and this process frequently results in a change in the level of affordable housing provision.

There are various appraisal models available to test the viability of developments. These models all share similar characteristics and can produce results in different ways. The main options are as follows:

- A residual land value as an output; or
- Land cost as an input, with profit as the output.

¹ Although this guidance pre-dates the 2019 PPG, the approaches it outlines fully accord with the requirements in the PPG.

The various inputs to an appraisal are summarised in Figures 2.2.1 and 2.2.2. The same approach applies whether the appraisal is used for testing SDS-level policies, local plans or specific schemes submitted for consideration by development management teams. Clearly one of the additional key factors is time and flows of income and cost at various points over the development period, which we consider later. Developments which have large upfront costs of providing on-site infrastructure, with sales revenues received much later will incur more interest than developments which have low upfront costs and early revenue receipts. Interest incurred by the Developer will be a contributing factor to the residual land value; the lower the interest cost, the higher the residual land value (all other factors remaining equal of course).

Figure 2.2.1: Appraisal model (residual land value)

GROSS DEVELOPMENT VALUE ('GDV') Private house and flat sales values Receipt from Registered Provider for affordable units Car parking sales Ground rents Investment value of commercial floorspace	A
LESS	
DEVELOPMENT COSTS Base build costs Site infrastructure Contingencies Professional fees Marketing costs and disposal fees Finance Planning obligations, CIL and other statutory costs	B
DEVELOPER'S PROFIT	C
RESIDUAL LAND VALUE	= A – (B + C)

Figure 2.2.2: Appraisal model (profit as output)

GDV Private house and flat sales values Receipt from Registered Provider for affordable units Car parking sales Ground rents Investment value of commercial floorspace	A
LESS	
DEVELOPMENT COSTS Site value Base build costs Site infrastructure Contingencies Professional fees Marketing costs and disposal fees Finance Planning obligations, CIL and other statutory costs	B
SITE VALUE	C
PROFIT	= A – (B + C)

There are alternative approaches to determining viability which do not rely so heavily on the traditional residual land valuation methodology. During recessionary periods, developers sometimes adopt deferred payment terms, which result in reduced initial outlay (and thus interest savings) as land is

only 'drawn down' when required for building out. Developers may also work on a joint venture basis with landowners with no upfront land payment with the rewards to the landowner taken as a profit-share when the development is completed. This approach reduces finance costs, so there is potentially a greater profit for both parties to share in comparison to a 'traditional' approach of upfront land acquisition. This approach of course requires the landowner to take a share in the risk of development, which not all landowners are prepared to do.

2.2.1 Evidencing inputs to a development appraisal

Developments have unique characteristics that should be reflected in the inputs to a development appraisal. For example, sales values of individual units will be determined by aspect, location, height and internal specification, while build costs will be influenced by design, specification, ground conditions and so on.

When preparing a development appraisal, a valuer normally has regard to scheme-specific characteristics so that the result (in terms of residual land value) is reflective of these characteristics.

Inputs to an appraisal reflect the *current day* situation and circumstances may change very quickly. For example, sales values can change in response to changes in demand (up or down) over short periods of time. Although the impact of changes to inputs can be tested through sensitivity analyses, the base position will always be rooted in today's market conditions. Evidence provided in support of a development appraisal, whether area-wide or site specific, therefore has a short "shelf-life" and any user of an appraisal should have regard to the need to collect new and updated evidence if the viability of a scheme is to be re-visited. This issue can alternatively be addressed through sensitivity testing, which would re-model the scheme with a series of alternative inputs, such as change in sales values and build costs.

Appraisals on specific schemes will have more detailed inputs than those provided for the purpose of area wide or plan testing. When assessing the viability of a development proposal, the following evidence would typically be produced by the Applicant:

- **Sales values:** a unit-by-unit pricing schedule, showing how aspect, height, specification and location have been considered. This pricing schedule would normally be supported by an analysis of comparable sales within the vicinity (if schemes have recently been sold) or other relevant developments that share similar characteristics.
- **Sales rates:** the speed at which units in a development are sold is an important factor in determining viability. Off-plan sales which result in completion of a sale when a unit reaches practical completion will improve the overall cashflow profile of the development. In other words, the sooner a unit is sold, the sooner the developer receives payment and this reduces finance costs.
- **Receipt from affordable housing Registered Provider ('RP'):** developers will typically sell the affordable housing units to an RP which will take responsibility for selling equity stakes in shared ownership units and letting the rented units. The developer would either provide a valuation of the units, based on anticipated rental income and/or the value of equity stakes sold, or provide offers from RPs for the units available.
- **Commercial floorspace:** some developments will include an element of commercial floorspace, such as retail, office or leisure uses. Appraising the residual value of these elements is similar, except that the method for arriving at a capital value is based on capitalising the expected rental income. Developers therefore need to evidence both the rental income and also investment yields, both of which can be demonstrated through comparable lettings and investment sales.
- **Build costs:** a cost plan for the proposed development, reflecting scheme-specific characteristics, including design, ground conditions, access issues and site constraints. Alternatively, the developer could use benchmark data, such as the Building Cost Information Service ('BCIS') database which collates tenders for live developments.

- **Professional fees:** developments typically require professional inputs from a group of specialists, ranging from design to rights of light advice. Schemes do not require an identical level of professional inputs, as they will vary in complexity. For example, the structural engineering input to a 15 storey tower scheme will clearly be greater than would be the case for a 2 storey house. Consequently, professional fees will lie within a range of 6% to 12% (possibly more in very exceptional circumstances). Developers would need to demonstrate why the level of fees used in their appraisal is appropriate to the nature of the scheme under consideration. Developers would normally need to evidence professional fees by providing a breakdown of the total between the different disciplines.
- **Marketing costs:** marketing costs include the Selling Agent's fees, but also the cost of show homes, advertising, brochures and overseas marketing activities. Marketing costs typically account for 3% of GDV, but can sometimes be higher in exceptional circumstances. For example, on schemes being sold out over very long periods, the marketing home and other material may require updating and re-branding to reflect changes in customer requirements.
- **Finance costs:** it is now uncommon for banks to fund the entire development cost and unless developers have access to their own equity, they will need to source the balance elsewhere (either through mezzanine finance or external equity). The cost of funds can vary in relation to the type of developer, their perceived longevity and their experience in the type of scheme they are seeking funding for. Funds may also vary in relation to the type of development, with more complex schemes with lengthy build out periods perhaps attracting higher funding costs than simpler schemes. However, the market accepts a blended 6% finance rate (inclusive of arrangement and exit fees).
- **Development profit:** profits are to an extent scheme-specific but also must have regard to the general stance adopted by banks who might fund the development. The PPG identifies a range of 15% to 20% of GDV for private housing profit and we generally see profits in viability assessments ranging from 17-20%, with a reduced profit on the affordable housing (6% of cost). The primary purposes of profit are to enable the developer to secure a return on capital and to mitigate against risk (i.e. that the sales values anticipated in the appraisal are not achieved). Sales risk on the affordable housing is low, as there is strong demand from RPs for new stock and the developer enters in a binding contract prior to commencement of construction. 'First Homes' are not a traditional affordable tenure and completed units are sold by the developer to individual purchasers and not to a RP. They therefore carry more risk than traditional affordable tenures, but arguably less risk than market housing due to the significant discount which widens the pool of potential purchasers. Profit levels for First Homes are yet to be established as schemes including them are yet to come forward, but a profit of 12% is reflective of the risks.

2.3 Appropriate benchmark land values and viability

The residual land value of a scheme is one half of the equation when testing its viability and ability to deliver affordable housing and other policy requirements. The other half of the equation is the benchmark or 'threshold' land value, i.e. the value that will be sufficient to bring the site forward for development. There has been considerable debate over the past few years on what constitutes an appropriate benchmark land value, which to an extent has not been assisted by the 2012 National Planning Policy Framework ('NPPF') which talked in general terms about "*competitive returns*" to landowners. The notion of a "competitive return" is clearly open to considerable variation in interpretation. The 2019 PPG has provided significant clarity on the matter, indicating that benchmark land value should be based on existing use value plus a premium to incentivise a reasonable landowner to release land for development.

There are broadly speaking two approaches to determining an appropriate benchmark land value for testing the viability of a development:

- Existing Use Value plus an appropriate uplift, or an Alternative Use Value; which are the preferred and recommended approaches of many local authorities and
- Market Value.

2.3.1 Existing Use Value plus appropriate uplift, or Alternative Use Value

An existing use value is literally the value of the site assuming that the existing use continues and there is no change of use or redevelopment. In other words, it reflects the current situation with regards to the income that the existing buildings on site generate (or do not generate). If the building were to remain in its existing use, the landowner could continue to receive the income for as long as demand for the building remains. If the existing building is not currently let and there is doubtful future demand, clearly the landowner will be keener to release the site for development to avoid the burden of keeping the building empty (including empty rates, insurance costs, security costs etc).

If a development proposal fails to generate a residual land value that *at least* exceeds the existing use value, then it is unlikely to come forward, as the landowner would be better off retaining the existing building and continuing to receive the rental income. If the proposal generates a residual land value that is the same as the existing use value, then the decision to sell will be based on the landowner's assessment of likely future demand for the building, which will clearly include the age and facilities of the building in comparison to others, as well as demand for the particular type of space in the location. It is therefore important to consider the extent to which a 'premium' above existing use value is required to incentivise a sale for development. This premium is likely to range from zero to as much as 30%, but should always be based on site-specific factors and characteristics.

Taking the existing use value plus an appropriate premium is an objective "floor" below which the residual land value of a scheme cannot fall if it is to be viable. It is readily understood and can be easily measured and tested. Developers often comment that "land does not trade at existing use value plus a premium" which is correct; developers will work from the other 'end of the telescope' (i.e. they will calculate what they can pay for a site based on a scheme and factoring in planning requirements). The issue from a plan making perspective that these transactions will be based on the current suite of planning policy requirements and the approach tells us nothing about whether currently unadopted policies would be viable.

A variant to existing use value is to consider an alternative use value (i.e. a scheme that the landowner might consider in place of a residential scheme). For example, rather than selling for residential development, the landowner could sell the site for a hotel. Alternative use values may be valid providing the proposed use would be acceptable in planning terms and also that the appraisal fully reflects any policy requirements that would attach to such a scheme. Furthermore, the alternative use would need to be realistic in commercial terms. Adding an incentive to an alternative use value would be inappropriate, as the landowner does not currently have the benefit of the income that derives from this use; it needs to be considered alongside other competing alternatives that would also require planning consent.

2.3.2 Market Value

Prior to the publication of the 2019 PPG, some members of the RICS advocate the use of 'Market Value' as a benchmark land value when testing viability of development proposals. The main difficulty with this measure is the extent to which individual valuers interpret the meaning of this term and how it should be applied to individual sites.

In 2012, the RICS published guidance² on testing viability³ which at paragraph 3.3.4 took as its starting point the existing (or current) use value of a site:

"For a development to be financially viable, any uplift from current use value to residual land value that arises when planning permission is granted should be able to meet the cost of planning obligations while ensuring an appropriate Site Value for the landowner and a market risk adjusted return to the developer in delivering that project (the NPPF refers to this as 'competitive returns' respectively). The return to the landowner will be in the form of a land value in excess of current use value".

The Guidance went on to state that *"it would be inappropriate to assume an uplift based on set*

² This guidance was subsequently abandoned in 2021 following criticism by Justice Holgate in his decision on the Parkhurst Road case in which the Appellant had adopted a market value based benchmark land value.

³ 'Viability in Planning: Advice to Practitioners' August 2012

percentages ... given the diversity of individual development sites" and that the uplift from current use value should be determined by "market value" which would include "market/transactional evidence". There are considerable dangers in relying upon transactional data, as follows:

- Transactions are often based on bids that 'take a view' on squeezing planning policy requirements below target levels, contrary to paragraph 23 of NPPG, which states that "*In all cases, land or site value should reflect policy requirements and planning obligations and, where applicable, any Community Infrastructure Levy charge*";
- This results in prices paid being too high to allow for policy targets to be met. If these transactions are used to set a benchmark land value, the outcome would be unreliable and potentially highly misleading.
- Historic transactions of housing sites are often based on the receipt of grant funding, which is no longer available.
- There would be a need to determine whether the developer who built out the comparator sites actually achieved a profit at the equivalent level to the profit adopted in the viability testing. If the developer achieved a sub-optimal level of profit, then any benchmarking using these transactions would produce unreliable and misleading results.
- Developers often build assumptions of growth in sales values into their appraisals, which provides a higher gross development value than would actually be achieved today. Given that viability appraisals are based on current values, using prices paid would result in an inconsistent comparison (i.e. current values against the developer's assumed future values). Using these transactions would produce unreliable and misleading results.

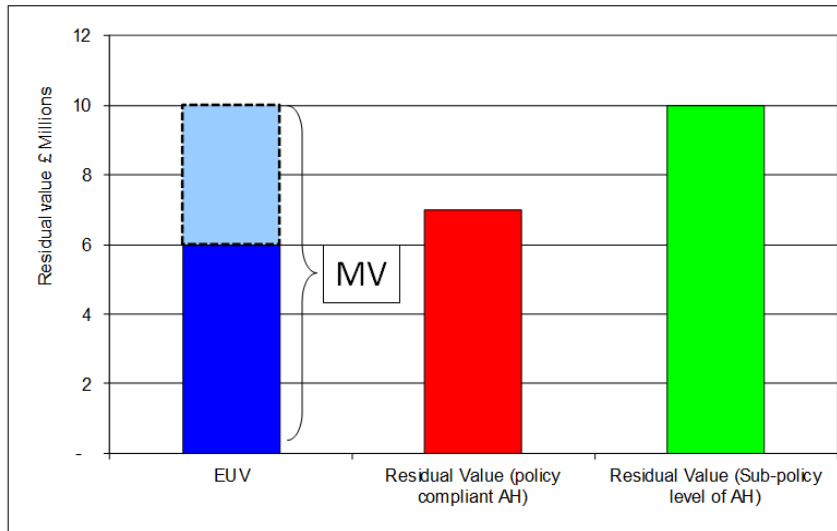
2.3.3 Impact of benchmark on affordable housing and other planning benefits secured

Ultimately, the choice of benchmark will be a key determinant in the level of affordable housing and other planning benefits that schemes can provide. The higher the benchmark land value, the lower the amount of value uplift arising from development that councils can secure to secure for affordable housing provision and infrastructure funding. This is illustrated in Figure 2.3.3.1 below. The chart compares the benchmark land value (which is represented by the blue bar) to the residual land value generated by two schemes, one of which provides a policy compliant level of affordable housing (the red bar) and one providing a reduced proportion of affordable housing (the green bar).

In the chart, the existing use value plus margin is shown as the dark blue segment of the bar. If this is adopted as the benchmark land value, then a policy compliant scheme (represented by the red bar) is sufficiently high for the scheme to come forward. However, if the Market Value is adopted as the benchmark (represented by the combined total of the dark and light blue segments), then the policy compliant scheme is no longer viable. This would be likely to force the planning authority to agree a scheme with reduced levels of affordable housing (represented by the green bar).



Figure 2.3.3.1: Impact of benchmark land value on affordable housing



Every scheme generates a finite amount of value that must be divided between the various interests (the landowner, developer and local planning authority). In almost all cases, the Developer's interests are secured through inclusion of a profit in the development appraisal. The planning system must therefore mediate between the public interest (in terms of affordable housing and other obligations) and private interests (in terms of land value to the landowner). Under the market value approach historically advocated by the RICS, the bulk of any uplift in land value goes to the landowner, by squeezing the amount of affordable housing provided. Under the existing use value plus premium approach, the uplift in land value is divided between the landowner and the public interest.

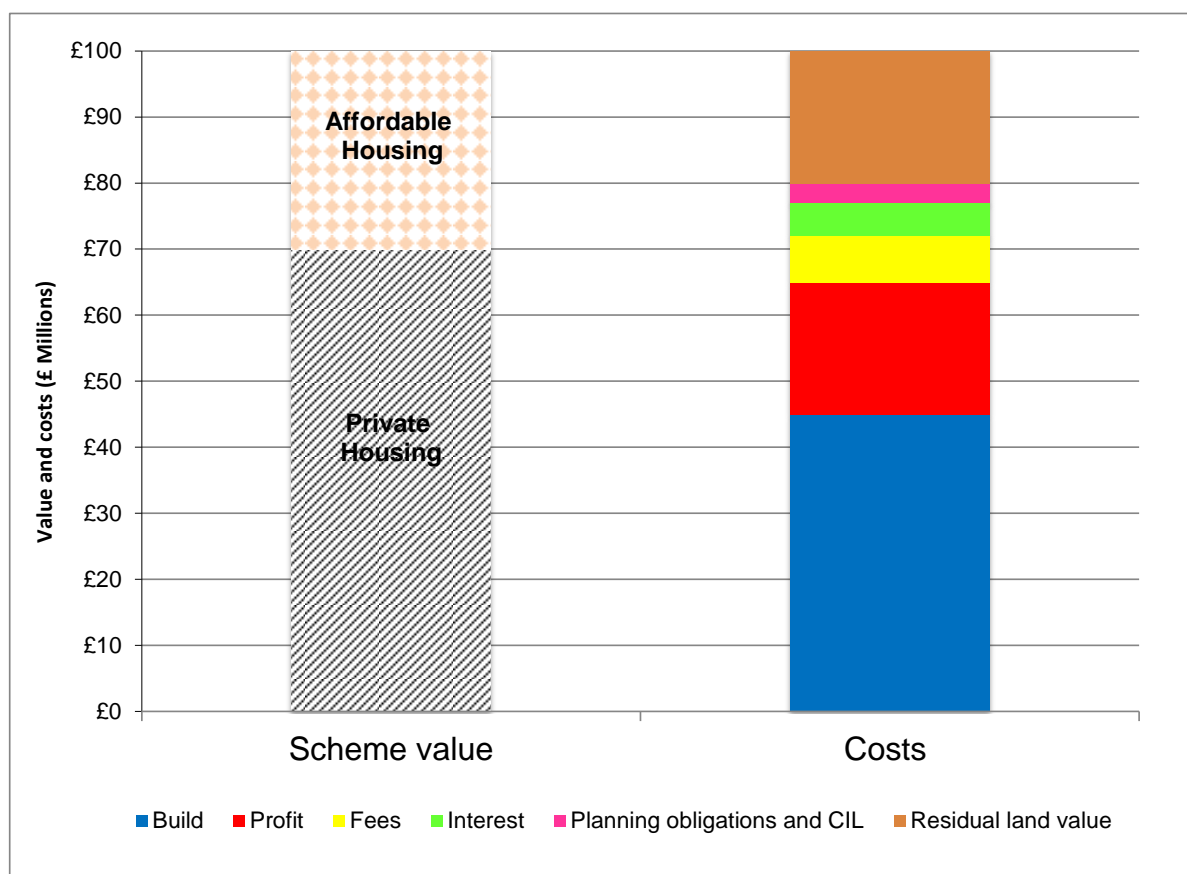
3 Methodology

Our methodology follows standard development appraisal conventions, using locally-based assumptions that reflect local market and planning policy circumstances across the sub-region. The approach is consistent with the methodology adopted for viability testing of affordable housing policies and CIL charging schedules in the three UAs.

3.1 Approach to testing development viability

Appraisal models can be summarised via the following diagram. The total scheme value is calculated, as represented by the left hand bar. This includes the sales receipts from the private housing (the hatched portion) and the payment from a Registered Provider ('RP') (the chequered portion) for the completed affordable housing units. For a commercial scheme, scheme value equates to the capital value of the rental income after allowing for rent free periods and purchaser's costs. The model then deducts the build costs, fees, interest, planning obligations, CIL and developer's profit. A 'residual' amount is left after all these costs are deducted – this is the land value that the Developer would pay to the landowner. The residual land value is represented by the brown portion of the right hand bar in the diagram.

Figure 3.1.1: Components of a residual valuation



The Residual Land Value is normally a key variable in determining whether a scheme will proceed. If a proposal generates sufficient positive land value (in excess of existing use value, discussed later), it will be implemented. If not, the proposal will not go ahead, unless there are alternative funding sources to bridge the 'gap'.

Problems with key appraisal variables can be summarised as follows:

- Development costs are subject to national and local monitoring and can be reasonably accurately

assessed in 'normal' circumstances (i.e. non-recessionary markets). Historically, many of the sites in City and town centres have been previously developed and can sometimes encounter 'exceptional' costs such as decontamination. In turn, large greenfield sites may require greater upfront investment in infrastructure such as drainage. Such costs can be very difficult to anticipate before detailed site surveys and infrastructure planning are undertaken;

- Assumptions about development phasing, phasing of Section 106 contributions and infrastructure required to facilitate each phase of the development will affect residual values. Where the delivery of the obligations are deferred, then normally the less the real cost to the applicant (and the greater the scope for increased affordable housing and other planning obligations). This is because the interest cost is reduced if the costs are incurred later in the development cashflow; and
- While Developer's Profit has to be assumed in any appraisal, its level is closely correlated with risk. The greater the risk, the higher the profit level required by lenders. The PPG indicates that profit on private housing will range from 15% to 20% and most financial viability assessments submitted with planning applications adopt a mid point in this range.

Ultimately, the landowner will make a decision on implementing a project on the basis of return and the potential for market change, and whether alternative developments might yield a higher value. The landowner's 'bottom line' will be achieving a residual land value that sufficiently exceeds 'existing use value'⁴ or another appropriate benchmark to make development worthwhile. The margin above existing use value may be considerably different on individual sites, where there might be particular reasons why the premium to the landowner should be lower or higher than other sites.

Clearly, however, landowners have expectations of the value of their land which often exceed the value of the current use. Ultimately, if landowners' expectations are not met, they may choose not to sell their land and (unless a Local Authority is prepared and/or in a position to use its compulsory purchase powers) some may hold on to their sites, in the hope that policy may change at some future point with reduced requirements. However, communities in which new development takes place also have legitimate expectations about the provision of new community infrastructure and affordable housing, which in turn reduce land values. It is within the scope of those expectations that developers have to formulate their offers for sites. The task of formulating an offer for a site is complicated further still during buoyant land markets, where developers have to compete with other developers to secure a site, often speculating on increases in value.

3.2 Testing viability of the development typologies

The UAs have identified a range of typologies which reflect the types of development that may come forward over the period covered by the SDS. The typologies reflect a range of development scenarios including central urban flatted schemes (Bath and Bristol City centres); mixed housing and flatted schemes in market towns; urban extensions to market towns; rural developments; employment led mixed use schemes; a range of size-based typologies on sites ranging from 0.18 to 175 hectares; extra-care schemes; care homes; student housing; and employment developments.

The development typologies are tested with sales values reflective of local market conditions within each UA area. Build costs will vary between developments to some degree, but not across the sub-region. Other common inputs include rates of finance, professional fees, developer's profit and disposal costs.

The residual land values are compared to a benchmark land value, which is detailed in Section 4. The benchmark land value is deducted from the residual land value to provide a broad indication of (a) the viability of each typology and (b) the extent of potential 'surplus' available to fund infrastructure and other planning benefits.

⁴ For the purposes of this report, existing use value is defined as the value of the site in its existing use, assuming that it remains in that use. We are not referring to the RICS Valuation Standards definition of 'Existing Use Value', which is a definition used for valuations undertaken for accounting purposes.

4 Typology characteristics and appraisal inputs

In this section, we outline the characteristics of the development typologies and the inputs to the appraisals.

4.1 The development typologies

We have appraised 30 development typologies tested across the WECA area representing the types of schemes that the Authority expects to come forward over the life of the SDS.

The development typologies are identified in Table 4.1.1 overleaf with additional detail provided in Appendix 1. The typologies are informed by schemes that the UAs expect to come forward within their areas. Some of these typologies are only expected to come forward in Bath and Bristol as they reflect the higher density forms of development that are only viable and appropriate in high value city centre locations.

The typologies reflect a range of scheme sizes from 30 units to 4,375 units and include both flatted and housing schemes, specialist housing schemes (student and older persons' care), mixed use schemes and employment schemes. Densities range from 20 to 500 units per gross hectare.

4.2 Appraisal inputs

4.2.1 Residential sales values

We have drawn upon Land Registry sold price data for the three UAs between 1 January 2020 and November 2021, which reflects the most recently available 18 month period (attached as Appendix 2). The numbers of transactions vary between the three UAs; there were 3,842 sales in Bristol; 3,365 sales in Bath and North East Somerset; and 3,446 sales in South Gloucestershire. These sales include transactions of both new build and second hand properties.

We have matched the transacted sales values with the unit areas recorded on each properties' Energy Performance Certificate, which enables us to assess each transaction on a value per square metre basis for comparison purposes. For each transaction, we have applied the change in the Land Registry House Price Index in each authority over the intervening period so that the agreed price is reflective of current values.

The average values for each postcode sector are summarised in Table 4.2.1.1 and Appendix 2. From this dataset.

Table 4.2.1.1: Residential sales values in each postcode sector (per square metre)

Value Band	Value per square metre	Postcode Sectors (South Gloucestershire)	Postcode Sectors (Bath and North East Somerset)	Postcode Sectors (Bristol)
A	£3,200	-	-	BS15, BS13
B	£3,400	-	BA3	BS14, BS11, BS10
C	£3,530	BS15	BS39	BS5, BS4, BS16
D	£3,750	BS37, GL12, BS7, BS34, BS16, BS35	-	-
E	£4,000	BS10, BS30, BS36	-	-
F	£4,250	GL9, BS32	BS14, BS31	BS7, BS3, BS2
G	£4,500	SN14	BS40, BA2	-
H	£4,750	-	-	BS9
I	£5,100	-	BA1	BS1, BS6, BS8

Table 4.1.1: Development typologies – all areas in square metre unless otherwise stated

Site	Description	Gross site area HA	Net site area HA	Units	Residential floorspace	Retail	Office	Light Ind/Ind	Inst res (care home)	Comm-unity
1	Central (500 dph - all flats)	1.0	1.0	500	37,500	1,000	5,000	-	-	
2	Central / urban (300 dph - 100% flats)	1.0	1.0	300	24,900	1,000	5,000	-	-	
3	Central / urban (200 dph - 100% flats)	1.0	1.0	200	16,600	500	2,000	-	-	
4	Central urban (100 dph - 100% flats)	1.0	1.0	100	9,400	-	1,500	-	-	
5	Inner urban (100 dph - 75% flats, 25% houses)	1.0	1.0	100	9,800	-	500	-	-	
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	1.0	1.0	70	6,177	-	-	-	-	
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	1.0	1.0	50	5,260	-	-	-	-	
8	Rural - 40 dph - (90% Houses/ 10% flats)	1.0	1.0	40	4,624	-	-	-	-	
9	Central urban (100 dph - 100% flats)	0.3	0.3	30	3,000	-	-	-	-	
10	Central/ outer central (200dph 100% Flats)	0.2	0.2	40	3,320	-	-	-	-	
11	Central (300 dph - 100% flats)	0.18	0.18	53	3,938	-	-	-	-	
12	Employment-led MU	1.0	1.0	145	12,035	200	16,800	-	-	
13	Employment-led MU	8.0	8.0	160	13,280	3,000	112,000	-	-	
14	Size based 2-10 ha - 75% net to gross, 200 dph	2.0	1.5	300	24,900	3,000	8,000	-	-	
15	Size based 2-10 ha - 50% net to gross, 40 dph use rural assumptions. 90% houses / 10% flats	5.0	2.5	100	11,560	-	3,000	-	-	
16	Size based 2-10 ha - 75% net to gross, 50 dph use suburban/extension assumptions. 15% flats / 85% houses	3.0	2.25	112	11,768	-	-	-	-	
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	7.0	5.25	525	49,350	500	7,875	-	-	
18	Size based 2-10 ha - 75% net to gross, 200 dph	9.0	6.75	1,350	112,050	500	10,125	-	-	
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	10.0	5.0	200	21,360	-	7,875	-	-	
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	42.5	21.25	1,063	111,138	1,500	14,500	7,500	-	500
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	100.0	50.0	2,500	261,500	2,500	34,000	17,000	-	1,000
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	175.0	87.5	4,375	457,625	3,500	59,500	29,750	-	1,500
23	C2 scheme (84 ensuite spaces, 22 sqm each)	0.56	0.56	-	-	-	-	-	4,800	



24	C3 ECH scheme (60 units)	0.8	0.80	60	6,480	-	-	-	-	
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	1.0	1.0	325	9,750	-	-	-	-	
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	1.0	1.0	200	21,600	-	-	-	-	
27	Class E (office) central/inner 70% plot ratio - BF	1.0	1.0	-		-	28,000	-	-	
28	Class E (office) suburban/edge 50% plot ratio - GF	1.0	1.0	-		-	20,000	-	-	
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	1.0	1.0	-		-	0	4,200	-	
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	1.0	1.0	-		-	0	3,000	-	



4.2.2 Affordable housing tenure and values

Affordable housing policies – both in terms of overall percentage and tenure mix - vary to some degree between the three UAs, as summarised in Table 4.2.2.1. Clearly the SDS is likely to adopt a common approach to affordable housing targets which with the individual UA Local Plans will be required to be in general conformity.

Table 4.2.2.1: Currently adopted affordable housing targets

Authority	Overall unit target	Of which rented	Of which intermediate
Bath and North East Somerset	Two zones – 30% and 40%	75%	25%
Bristol	Two zones – 30% and 40%	77%	23%
South Gloucestershire	35%	78%	22%

The authorities have agreed to amend the tenure split above to facilitate the inclusion of the emerging requirement for First Homes and also reflects the findings of the Local Housing Needs Assessment June 2021 assessment for the West of England Combined Authority. The revised tenure split is as follows:

- Social Rented: 49%
- Affordable Rent: 14%
- Affordable Home Ownership: 37%

We have tested the development typologies with varying affordable housing levels between 0% and 50% in percentage increments. We have applied a tenure split of 49% Social Rented, 14% Affordable Rent and 37% Affordable Home Ownership (incorporating 25% First Homes). We have assumed that First Homes are sold at up to 70% of market value, with lower proportions where required if the price to the purchaser would otherwise have exceeded the £250,000 cap set by the PPG.

The UAs have supplied an analysis of offers from RPs for affordable housing secured through planning obligations. Shared ownership values are based on initial equity sales of 40% and a rent on the retained equity of 1.5%. Given that our appraisals are run using market values and not by UA area, we have ascribed the blended values to each market value as summarised in Table 4.2.2.3.

Table 4.2.2.3: Affordable housing values applied in each Market Value Band (per square metre)

Value Band	Market value	Social Rent	Affordable Rent	Shared Ownership @40% and 1.5% residual rent
A	£3,200	£1,679	£2,048	£2,044
B	£3,400	£1,840	£2,195	£2,349
C	£3,530	£1,914	£2,264	£2,534
D	£3,750	£1,977	£2,307	£2,629
E	£4,000	£2,040	£2,383	£2,825
F	£4,250	£2,212	£2,540	£3,274
G	£4,500	£2,361	£2,689	£3,423
H	£4,750	£2,510	£2,838	£3,571
I	£5,100	£2,659	£2,986	£3,720

The Homes England 'Affordable Homes Programme 2021 – 2026' document clearly states that RPs will not receive grant funding for any affordable housing secured through a legal agreement under Section 106 of the 1990 Town & Country Planning. Consequently, all our appraisals assume nil grant.



4.2.3 Rents and yields for commercial development

As noted earlier in this section, some of our development typologies incorporate commercial floorspace (offices, retail supermarkets and light industrial), either at ground floor of mixed use buildings or within separate buildings within the developments. In addition, some of the typologies are also pure commercial schemes, again incorporating offices, light industrial/industrial and retail).

Our assumptions on rents and yields for the retail, office and light industrial floorspace are summarised in Table 4.2.3.1. These assumptions are informed by lettings of similar floorspace in the area over the past two years. Our appraisals assume a 12-month rent-free period for offices and light industrial and 6 months for supermarkets. We deduct 6.8% of capital value to reflect deduction of purchaser's costs.

Table 4.2.3.1: Commercial rents (£s per square metre) and yields

Commercial floorspace	Rent per square metre	Investment yield	Rent free period (months)
Retail supermarkets	£220	3.75%	6
Offices	£301	5%	12
Light industrial	£160	4.5%	6

4.2.4 Build costs

We have sourced build costs from the RICS Building Cost Information Service (BCIS), which is based on tenders for actual schemes (see Appendix 3). This is a standard approach for viability studies for planning policy testing and is an approach identified by the PPG (paragraph 012 Reference ID 10-012-20180724). The build costs are summarised in Table 4.2.4.1. It should be noted that there is potential for developers of schemes on large greenfield sites to reduce build costs to a degree. We have adopted a cautious approach by not reflecting this potential reduction.

Table 4.2.4.1: Base build costs (per square metre)

Use (BCIS cost code)	BCIS base build costs	External works	Total build costs
Residential – houses (810.1)	£1,314	15%	£1,511
Residential – flats (816)	£1,523	10%	£1,675
Care Homes (447)	£1,853	10%	£2,038
Student accommodation (856.2)	£2,069	10%	£2,276
Shops (345)	£1,212	10%	£1,333
Offices (320)	£1,990	10%	£2,189
Light industrial / industrial (282.12)	£1,205	10%	£1,326

On urban extensions and large greenfield sites (typologies 15, 16, 19, 20, 21 and 22), we have included an additional 15% of base costs to account for on-site infrastructure (utilities, estate roads, laying out of open space etc).

We have also included a contingency equating to 5% of build costs in line with standard market practice.

We are aware that densities of flatted developments are likely to increase in the future and this will result in an increase in build costs, which the UAs will need to address in their own Local Plan viability testing. For example, typologies 1, 2 and 11 are for high density development of 300+ dph, and where these come forward, particularly in Inner Bristol growth areas, they may well comprise buildings that are six or more storeys high. Build costs in these cases will be higher (the BCIS median figure for flats of 6 storeys or above is currently £1,804 per square metre) which may impact on scheme viability. It may be appropriate for the more detailed viability testing required to support individual Local Plans to consider including typologies that reflect the potential for tall buildings, in areas where high density development is proposed.

4.2.5 Net carbon zero

Bath and North East Somerset have done a considerable amount of work on the costs of net zero carbon for their Local Plan Partial Review. They have drawn capital cost figures from the '*Cornwall Climate Emergency DPD – Energy review and modelling*' by Currie Brown and Etude (February 2021). The following uplifts are for the lowest cost modelled route to net zero (Cornwall Scenario 2) from a range of baselines:

- 2.1% uplift from a baseline of Part L 2025 or from a baseline of BNES existing policy (19% CO₂ reduction) which is the equivalent of Cornwall's scenario 1a;
- 2.8% uplift from a baseline of Part L 2021;
- 4.9% uplift from a baseline of Part L 2013;
- 6% uplift based on Currie & Brown route to net zero regulated and unregulated emissions using SAP 10 emissions factors and air sourced heat pumps.

For non-residential development, the Council is proposing to apply net zero carbon using a hierarchy of fabric, renewables and then financial off-sets. The cost data from the Currie and Brown report indicates the following uplifts are applicable:

- Energy efficiency (Minimum carbon reduction of 15%): 2%;
- On-site saving (total carbon reduction of 35%): 1%;
- Allowable solutions (offset 65% of regulated CO₂ emissions): 2-4%;
- BREEAM (BREEAM Excellent rating): 1-2%. (Not applicable)

WECA has reviewed the Bath assessments, alongside ongoing work to assess the costs of operational and embodied carbon and have provided the following estimates from a range of emerging study results:

- Cost uplift for operational carbon: 5% of build costs for domestic and 5% for non-domestic;
- Cost uplift for operational and embodied carbon: 15% of build costs for domestic and 15% for non-domestic.

The Draft SDS policy assumes operational carbon only but encourages the LPAs to also consider adopting embodied carbon requirements. We have therefore run two scenarios. The first factors in the additional costs of operational carbon only and the second factors in the cost of both operational and embodied carbon.

4.2.6 Bio-diversity net gain

We have tested the requirement for a 10% increase in biodiversity in perpetuity by applying an increase in build costs ranging from 0.2% to 0.8%⁵, as indicated in the '*Biodiversity net gain and local nature recovery strategies Impact Assessment*' (DEFRA, 2019).

4.2.7 Electric vehicle charging

The UAs have advised that developers have applied costs of £500 per charging point for electric vehicle charging. The numbers of spaces that developments will require will vary between typologies, ranging from 10% to 100%. Our appraisals assume provision of one charging point per space, with the number of space varying between typologies, depending on likely location.

4.2.8 Professional fees

In addition to base build costs, schemes will incur professional fees, covering design, valuation,

⁵ Table 19 of the DEFRA Impact Assessment Study shows a central estimate of 0.8% of build costs for greenfield sites and 0.2% for brownfield sites.

highways consultants and so on. Our appraisals incorporate an 8% allowance, which is at the middle of the range for most schemes.

4.2.9 Development finance

Our appraisals assume that development finance can be secured at a rate of 6%, inclusive of arrangement and exit fees, reflective of current funding conditions for most schemes.

4.2.10 Marketing costs

Our appraisals incorporate an allowance of 2.5% for marketing costs of the private units, which includes show homes, agents' fees, plus 0.25% for sales legal fees.

4.2.11 Section 106 costs and CIL

Section 106 obligations for items not addressed through CIL will be determined on a site-specific basis and will be determined at the development management stage. We have incorporated a notional amount of £1,000 per residential unit and £20 per square metre for non-residential development. This would account for direct obligations/site mitigation only; if developments are unable to contribute towards wider strategic infrastructure requirements, these would need to be funded from other sources.

On development typologies providing between 900 and 4,375 units, the UAs have advised that a primary school would be required⁶. Development typologies providing more than 3,500 units would require a primary school and a secondary school. Benchmarking data indicates that a primary school can be constructed for circa £6.4 million⁷ at the end of 2020. For modelling purposes we have assumed an increased cost of £8 million. The precise amount will depend upon the specification and size of school required. We have assumed that a secondary school will be approximately three times the scale of a primary school and would therefore incur a cost of £24 million.

There may be a need for the UAs to consider whether developments brought forward in low value areas can deliver both schools as well as the level of affordable housing sought in emerging policies. In some cases, the UAs may need to consider deploying CIL funds to deliver schools as an alternative to direct developer contributions if the 'pot' of available value generated by individual developments is insufficient to deliver all planning requirements.

There are various rates of CIL charged by each of the UAs, as summarised in tables 4.2.11.1 to 4.2.11.3.

Table 4.2.11.1: Bath and North East Somerset CIL

Type of development	Location/criteria	CIL per square metre	Indexed rate per square metre
Residential (Class C3) including Specialised, Extra Care and Retirement Accommodation	District wide	£100	£128.57
Residential (Class C3) including Specialised, Extra Care and Retirement Accommodation	Strategic Sites/ Urban Extensions	£50	£64.29
Residential (Class C3) including Specialised, Extra Care and Retirement Accommodation	Bath Western Riverside	£0	£0
Hotel (Class C1)	In Bath	£100	£128.57
Hotel (Class C1)	Bath Western Riverside	£0	£0
Hotel (Class C1)	Rest of District	£0	£0

⁶ Excluding typology 18 as flatted developments generate a lower child yield than developments of houses

⁷ Building, 30 October 2020 – see <https://www.building.co.uk/features/cost-model-school-buildings/5108686.article>

Type of development	Location/criteria	CIL per square metre	Indexed rate per square metre
Retail In-centre / High Street Retail	Bath city centre	£150	£192.86
Retail In-centre / High Street Retail	Other centres	£0	£0
Retail In-centre / High Street Retail	Bath Western Riverside	£0	£0
Supermarkets, superstores and retail warehouse (over 280m ²)	District wide	£150	£192.86
Supermarkets, superstores and retail warehouse (over 280m ²)	Bath Western Riverside	£0	£0
Student accommodation	Schemes with market rents	£200	£257.14
Student accommodation	With sub-market rents	£0	£0
Offices (Class B1)	District wide	£0	£0
Industrial and warehousing	District wide	£0	£0

Table 4.2.11.2: Bristol CIL rates

Type of development	CIL per square metre	Indexed rate per square metre
Residential – Inner Zone	£70	£104.60
Residential – Outer Zone	£50	£74.33
Hotels	£70	£104.06
Retail	£120	£178.39
Student accommodation	£100	£148.66
Commercial (former B1, B2 and B8), residential and non residential institutions and development by emergency services	£0	£0
Other chargeable development	£50	£74.33

Table 4.2.11.3: South Gloucestershire CIL rates

Type of development	CIL per square metre	Indexed rate per square metre
Residential – Higher value	£80	£101.31
Residential – Lower value	£55	£69.65
Offices – prime locations only	£30	£37.99
Retail – prime locations	£160	£202.63
Retail – non-prime	£120	£151.97
Hotels – prime locations only	£90	£113.98
Students – prime locations only	£60	£75.98
Car showrooms	£90	£113.97
Residential care homes, Extra care housing, Offices – non prime, Other former B uses, Hotels – non prime, Student – non prime	£0	£0
All other uses	£10	

In order to run a set of appraisals across the whole area, we have adopted a common set of CIL rates

which are applied in each of the value bands. This requires some of the rates to be combined and adjusted upwards or downwards to provide a broad fit across all three charging authorities. These rates are summarised in Table 4.2.11.4.

Table 4.2.11.4: Composite rates for application to each Value Band (£s per square metre)

Type of development	Value Bands A, B and C	Value Bands D, E and F	Value Bands G, H and I
Residential	£70	£100	£130
Residential – extra care	£0	£0	£130
Residential – care homes	£0	£0	£130
Student housing	£75	£115	£150
Retail	£100	£150	£185
Offices	£0	£0	£30
Industrial/warehousing	£0	£0	£0

4.2.12 Accessibility standards

We have tested the impact of applying accessible and adaptable dwellings standards (Category 2 and Category 3) at the rates summarised in Table 4.2.12.1. These costs are based on the MHCLG 'Housing Standards Review: Cost Impacts' study, but converted into percentages of base construction costs (see calculations at Appendix 4).

Table 4.2.12.1: Costs of accessibility standards (% uplift to base construction costs)

Standard	Flats	Houses
M4(2) accessible	1.15%	0.54%
M4(3) (a) accessible and adaptable	9.28%	10.77%
M4(3) (b) wheelchair adaptable	9.47%	23.80%

Although the Authority has pointed to the 'West of England Local Housing Needs Assessment: Report of Findings (June 2021)' as a reference for the percentages of accessible units that will be required, this document does not yet quantify need as a percentage of anticipated housing supply and will be updated when further evidence becomes available. For the purposes of this assessment, we have applied the accessibility standards that Bath and North East Somerset are seeking to apply in their Local Plan Partial Review (as follows):

- Private units: M4(3)(a) 5.6% of units and M4(2) 48% of units;
- Affordable units: M4(3)(b) 7.8% of units and M4(2) 92.2% of units.

4.2.13 Development and sales periods

Development and sales periods vary between type of scheme. However, our sales periods are based on an assumption of a sales rate of between 8 and 10 units per month, reflecting multiple sales outlets on the larger sites.

It should be noted that sales rate is not the same as total sales completions, as total completions will also include the affordable housing, a contract for which will be entered into prior to commencement of construction.

4.2.14 Acquisition costs

The appraisals apply the following acquisition costs to the residual land values:

- 5% stamp duty;
- 1% agents fees; and

- 0.8% legal fees.

4.2.15 Developer's profit

Developer's profit is closely correlated with the perceived risk of residential development. The greater the risk, the greater the required profit level, which helps to mitigate against the risk, but also to ensure that the potential rewards are sufficiently attractive for a bank and other equity providers to fund a scheme. It is important to emphasise that the level of minimum profit is not necessarily determined by developers (although they will have their own view and the Boards of the major housebuilders will set targets for minimum profit).

The views of the banks which fund development are more important; if the banks decline an application by a developer to borrow to fund a development, it is very unlikely to proceed, as developers rarely carry sufficient cash to fund it themselves. Consequently, future movements in profit levels will largely be determined by the attitudes of the banks towards development proposals.

The PPG indicates that viability testing for plan making should assume profits on private housing ranging from 15% to 20%. Perceived risk in the UK housing market is receding following the economic recovery in the second half of 2020 which continued into 2021, albeit a degree of caution remains regarding the short term economic outlook as the furlough scheme closes. We have therefore adopted a profit margin of 17.5% of private residential GDV for testing purposes, although individual schemes may require lower or higher profits, depending on site specific circumstances. Profit on commercial development is applied at 15% of GDV in line with normal market assumptions.

Our assumed return on the affordable housing GDV is 6%. A lower return on the affordable housing is appropriate as there is very limited sales risk on these units for the developer; there is often a pre-sale of the units to an RP prior to commencement. Any risk associated with take up of intermediate housing is borne by the acquiring RP, not by the developer. 'First Homes' are not a traditional affordable tenure and completed units are sold by the developer to individual purchasers and not to a RP. They therefore carry more risk than traditional affordable tenures, but arguably less risk than market housing due to the significant discount which widens the pool of potential purchasers. Profit levels for First Homes are yet to be established as schemes including them are yet to come forward, but a profit of 12% is reflective of the risks.

4.2.16 Sensitivity analyses

As noted earlier in the report, Savills predict that sales values will increase over the medium term (i.e. the next four years). Whilst this predicted growth cannot be guaranteed, we have run a series of sensitivity analyses assuming growth in sales values accompanied by cost inflation as summarised in Table 4.2.16.1. While these growth scenarios are based on a number of forecasts, they cannot be guaranteed and the results which these scenarios produce must be viewed as indicative only. We have run a year 5 scenario which utilises the growth rates in Table 4.2.16.1.

Table 4.2.16.1 Growth scenario (5 year)

Year	1 2021	2 2022	3 2023	4 2024	5 2025	6 2026 and each year thereafter
Values	5.0%	4.0%	3.5%	3.0%	2.0%	4.0%
Costs	2.0%	2.0%	2.5%	2.5%	2.5%	2.5%

In light of the current uncertainty as the UK emerges from measures associated reducing the spread of coronavirus, we have also run a downside scenario which would see values falling in 2021 (contrary to current forecasts) and recovering slowly over the subsequent years (see Table 4.16.2).

Table 4.2.16.2: Downside scenario

Year	1 2021	2 2022	3 2023	4 2024	5 2025	6 2026 and each year thereafter
Values	-2.0%	0.0%	1.0%	2.0%	3.0%	4.0%
Costs	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%

The growth and inflation rates in Table 4.2.16.1 are intended to provide an illustration of the impact of a potential set of growth and inflation rates on the appraisals, but should be viewed with a degree of

caution. Markets are cyclical and clearly values could rise as well as fall, but the long term trend over the period post 1945 has been real growth of 3% per annum (i.e. net of inflation) when the peaks and troughs are smoothed.

4.2.17 Exceptional costs

Exceptional costs can be an issue for development viability on previously developed land. Exceptional costs relate to works that are 'atypical', such as remediation of sites in former industrial use and that are over and above standard build costs. However, in the absence of detailed site investigations, it is not possible to estimate reliably what exceptional costs might be. Furthermore, the PPG indicates that exceptional costs should be reflected in the benchmark land value, so their impact is broadly neutral.

4.2.18 Benchmark land values

Benchmark land value, based on the existing use value of sites is a key consideration in the assessment of development economics for testing planning policies and tariffs. Clearly, there is a point where the Residual Land Value (what the landowner receives from a developer) that results from a scheme may be less than the land's existing use value. Existing use values can vary significantly, depending on the demand for the type of building relative to other areas. Similarly, subject to planning permission, the potential development site may be capable of being used in different ways – as a hotel rather than residential for example; or at least a different mix of uses. Existing use value is effectively the 'bottom line' in a financial sense and therefore a key factor in this study.

Sites will be in various existing uses and we have adopted a range of benchmark land values from £150,000 to £2,500,000 per gross hectare, inclusive of any premium deemed to be required to incentivise release of land for development. Larger sites will be predominantly greenfield or vacant urban land, which will have an existing use value at the lower end of the range. Secondary brownfield sites (e.g. open storage, low grade industrial sites etc) will either be vacant and generating no rental income, or let at very low rents on a short term basis. Higher brownfield benchmark land values will be reflective of secondary office buildings in Bath/Bristol and similar uses which are reaching the end of their economic life.

Redevelopment proposals that generate residual land values below current use values are unlikely to be delivered. While any such thresholds are only a guide in 'normal' development circumstances, it does not imply that individual landowners, in particular financial circumstances, will not bring sites forward at a lower return or indeed require a higher return. If proven current use value justifies a higher benchmark than those assumed, then appropriate adjustments may be necessary. As such, current use values should be regarded as benchmarks rather than definitive fixed variables on a site by site basis.

Lettings of office space in the area between January 2020 and December 2021 have achieved rents ranging from £2.22 per square foot to £46.15 per square foot, with lettings in the bottom 20% averaging £11.28 per square foot. These rents are reflective of offices that are likely to have come to the end of their economic life and require significant refurbishment and reconfiguration to continue to be lettable. We have established the capital value of a site extending to one hectare by adopting the following assumptions:

- 35% plot ratio
- 2 storeys
- Yield 8.5%, reflecting the risk of securing lettings in a building which is economically and functionally obsolete
- 2.5 year void and rent free period
- £775 per square metre (£72 per square foot) including fees for essential refurbishment including M&E
- Purchaser's costs deducted at 6.8%
- 15% letting agent and letting legal fees
- 20% premium.

The capital value generated is £2.46 million, including premium.

We have adopted the same approach for industrial buildings. We have applied a rent of £4.03 per square foot reflecting the lower quartile of lettings of industrial space between January 2020 and

December 2021. We have established the capital value of a site extending to one hectare by adopting the following assumptions:

- 30% plot ratio
- 1 storey
- Yield 6%
- 2.5 year void and rent free period
- £0.5 million refurbishment works package including fees
- Purchaser's costs deducted at 6.8%
- 15% letting agent and letting legal fees
- 20% premium.

The capital value generated is £1.47 million, including premium.

We have run a second calculation for poorer quality industrial buildings using the following assumptions, which are reflective of the lower end of the range for industrial lettings (£3.25 per square foot).

- 30% plot ratio
- 1 storey
- Yield 6%
- 2.5 year void and rent free period
- £0.75 million refurbishment works package including fees
- Purchaser's costs deducted at 6.8%
- 15% letting agent and letting legal fees
- 20% premium.

The capital value generated is £0.77 million, including premium.

For greenfield sites, we have adopted a benchmark land value of £0.15 million and £0.25 million per gross hectare, which is reflective of typical minimum option pricing for greenfield development land. This represents a multiple of 10 times agricultural land value, which is within the 10 to 15 times multiple typically applied in policy testing studies. This provides a significant premium above existing use value of £22,000 - £25,000 agricultural land value to the landowner to incentivise them to bring forward land for development.

In summary, we have adopted five benchmark land values, as follows:

- Higher value employment: £2,500,000 per hectare;
- Medium value employment: £1,500,000 per hectare;
- Low value employment: £750,000 per hectare;
- Higher Greenfield: £250,000 per hectare;
- Lower Greenfield: £150,000 per hectare.

Table 4.2.18.1 provides an indication of the typical benchmark land values for each typology and residential value band.

Table 4.2.18.1: Typical benchmark land values for each typology and value band

No	Description	No of units	Site area	Value Band									
				A	B	C	D	E	F	G	H (BS9)	I (BA1)	I (BS1, BS6, BS8)
				£3,200	£3,400	£3,530	£3,750	£4,000	£4,250	£4,500	£4,750	£5,100	£5,100
1	Central (500 dph - all flats)	500	1.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	HB	HB
2	Central / urban (300 dph - 100% flats)	300	1.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	HB	HB
3	Central / urban (200 dph - 100% flats)	200	1.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	HB	HB
4	Central urban (100 dph - 100% flats)	100	1.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	HB	HB
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1.00	LB	LB	LB	LB	MB	MB	MB	HB	HB	HB
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1.00	LB	LB	LB	LB	MB	MB	MB	HB	HB	HB
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
9	Central urban (100 dph - 100% flats)	30	0.30	LB*	LB*	LB*	LB*	MB	MB	MB	HB	MB	HB
10	Central/ outer central (200dph 100% Flats)	40	0.20	LB*	LB*	LB*	LB*	MB	MB	MB	MB	MB	MB
11	Central (300 dph - 100% flats)	53	0.18	LB*	LB*	LB*	LB*	MB	MB	MB	HB	MB	HB
12	Employment-led MU	145	1.00	LB	LB	LB	LB	MB	MB	MB	HB	MB	HB
13	Employment-led MU	160	8.00	LB	LB	LB	LB	MB	MB	MB	HB	MB	HB
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	2.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	MB	HB
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	5.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	3.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	7.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	MB	HB
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	9.00	LB*	LB*	LB*	LB*	MB	MB	MB	HB	MB	HB
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	10.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	42.50	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	100.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	175.00	LG	LG	LG	HG	HG	HG	HG	HG	HG	HG
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	0.56	LB	LB	LB	LB	MB	MB	MB	MB	MB	MB
24	C3 ECH scheme (60 units)	60	0.80	LB	LB	LB	LB	MB	MB	MB	MB	MB	MB
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1.00	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	1.00	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
27	Class E (office) central/inner 70% plot ratio - BF	-	1.00	MB	MB	MB	MB	MB	MB	MB	MB	MB	MB
28	Class E (office) suburban/edge 50% plot ratio - GF	-	1.00	LB	LB	LB	LB	LB	LB	LB	LB	LB	LB
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	1.00	HG	HG	HG	HG	HG	HG	HG	HG	HG	HG
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1.00	HG	HG	HG	HG	HG	HG	HG	HG	HG	HG

HB	Higher Brownfield
MB	Medium Brownfield
LB	Lower Brownfield
HG	Higher Greenfield
LG	Lower Greenfield

* These typologies are unlikely to be brought forward in these lower value areas

5 Appraisal outputs

In this section, we present the results of our appraisals. The full results are set out over the following pages, showing the residual land values for each development typology at a range of sales values and comparing them to the four benchmark land values (as discussed in Section 4.2.18).

The results for the appraisals of each development typology are summarised in a series of tables. For each development typology which includes residential units, we have run the appraisals with varying levels of affordable housing (ranging from 0% to 50%) assuming a tenure split of 63% rented and 37% affordable home ownership, including shared ownership. It should be noted that the emerging SDS policy framework assumes that student housing and C2 developments will not be required to provide affordable housing.

Each table shows the residual land value (in millions) generated by each development typology and a colour coding is used to show whether the residual land value is higher than or lower than the benchmark land value. Where the residual land values exceeds the benchmark land value, the cell is shaded green (meaning viable). If the residual land value is lower than the benchmark land value, the cell is shaded red (meaning unviable) or orange (where the residual land value is within 10% of the Benchmark Land Value and therefore on the margins on being viable).

5.1 Build for sale schemes

All of the typologies are tested against all four benchmark land values. In reading the results, it is important to bear in mind that certain typologies will typically come forward only on sites which share the characteristics of only one or two of the benchmark land values. For example, central urban sites (typologies 1, 2, 3, 4, 9 and 11) are likely to come forward on sites with brownfield land benchmarks (£750,000, £1,500,000 and £2,500,000 per hectare). However, the 'size based' typologies (numbers 15, 16, 19, 20, 21 and 22) will typically come forward on previously undeveloped land (£150,000 and £250,000 per gross hectare). Student housing and housing for older people will come forward on a range of sites, including both previously developed urban sites and greenfield sites adjacent to campuses.

The full results are attached as Appendix 5. We have extracted some of the results to provide a broad indication of viability at each value band in tables 5.1.1 to 5.1.9. A second and third set of appraisal outputs are attached as Appendix 6 and 7, showing the results of the sensitivity analysis outlined in Section 4.2.16 (growth scenario and 'downside' scenarios respectively).



Table 5.1.2: Value Band A: £3,200 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m)		AH tenure		63%		12%		25%		CTL - X to run macro		(Macro 5)					
BLV: HIGHER VALUE BROWNFIELD										Residual land values (£/m)		0% AH		10% AH		20% AH		30% AH		40% AH		45% AH		50% AH			
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£/m)	BLV per ha (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£/m)	BLV per ha (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£2.50	£12.66	£14.14	£15.62	£17.11	£17.85	£18.59	£20.08	1.00	£2.50	£12.66	£14.14	£15.62	£17.11	£17.85	£18.59	£20.08	1.00	£2.50	£12.66	£14.14	£15.62	£17.11	£17.85	£18.59	£20.08
2 Central / urban (300 dph - 100% flats)	300	£2.50	£6.73	£7.43	£8.14	£8.85	£9.21	£9.57	£10.30	1.00	£2.50	£6.73	£7.43	£8.14	£8.85	£9.21	£9.57	£10.30	1.00	£2.50	£6.73	£7.43	£8.14	£8.85	£9.21	£9.57	£10.30
3 Central / urban (200 dph - 100% flats)	200	£2.50	£4.70	£5.17	£5.64	£6.12	£6.36	£6.60	£7.08	1.00	£2.50	£4.70	£5.17	£5.64	£6.12	£6.36	£6.60	£7.08	1.00	£2.50	£4.70	£5.17	£5.64	£6.12	£6.36	£6.60	£7.08
4 Central urban (100 dph - 100% flats)	100	£2.50	£2.72	£2.97	£3.22	£3.48	£3.60	£3.73	£3.99	1.00	£2.50	£2.72	£2.97	£3.22	£3.48	£3.60	£3.73	£3.99	1.00	£2.50	£2.72	£2.97	£3.22	£3.48	£3.60	£3.73	£3.99
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£0.73	£1.01	£1.30	£1.59	£1.73	£1.88	£2.17	1.00	£2.50	£0.73	£1.01	£1.30	£1.59	£1.73	£1.88	£2.17	1.00	£2.50	£0.73	£1.01	£1.30	£1.59	£1.73	£1.88	£2.17
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£0.34	£0.14	£0.06	£0.27	£0.37	£0.48	£0.69	1.00	£2.50	£0.34	£0.14	£0.06	£0.27	£0.37	£0.48	£0.69	1.00	£2.50	£0.34	£0.14	£0.06	£0.27	£0.37	£0.48	£0.69
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats,85% houses)	50	£2.50	£1.75	£1.48	£1.22	£0.95	£0.82	£0.69	£0.42	1.00	£2.50	£1.75	£1.48	£1.22	£0.95	£0.82	£0.69	£0.42	1.00	£2.50	£1.75	£1.48	£1.22	£0.95	£0.82	£0.69	£0.42
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£0.71	£0.49	£0.27	£0.05	£0.07	£0.16	£0.42	1.00	£2.50	£0.71	£0.49	£0.27	£0.05	£0.07	£0.16	£0.42	1.00	£2.50	£0.71	£0.49	£0.27	£0.05	£0.07	£0.16	£0.42
9 Central urban (100 dph - 100% flats)	30	£0.75	£0.86	£0.92	£0.99	£1.07	£1.10	£1.14	£1.22	0.30	£2.50	£0.86	£0.92	£0.99	£1.07	£1.10	£1.14	£1.22	0.30	£2.50	£0.86	£0.92	£0.99	£1.07	£1.10	£1.14	£1.22
10 Central/ outer central (200dph 100% Flats)	40	£0.50	£0.91	£1.01	£1.12	£1.22	£1.28	£1.33	£1.44	0.20	£2.50	£0.91	£1.01	£1.12	£1.22	£1.28	£1.33	£1.44	0.20	£2.50	£0.91	£1.01	£1.12	£1.22	£1.28	£1.33	£1.44
11 Central (300 dph - 100% flats)	53	£0.44	£1.49	£1.64	£1.80	£1.96	£2.04	£2.12	£2.28	0.18	£2.50	£1.49	£1.64	£1.80	£1.96	£2.04	£2.12	£2.28	0.18	£2.50	£1.49	£1.64	£1.80	£1.96	£2.04	£2.12	£2.28
12 Employment-led MU	145	£2.50	£3.29	£3.65	£4.01	£4.37	£4.56	£4.74	£5.11	1.00	£2.50	£3.29	£3.65	£4.01	£4.37	£4.56	£4.74	£5.11	1.00	£2.50	£3.29	£3.65	£4.01	£4.37	£4.56	£4.74	£5.11
13 Employment-led MU	160	£20.00	£1.11	£1.51	£1.91	£2.31	£2.51	£2.72	£3.12	8.00	£2.50	£1.11	£1.51	£1.91	£2.31	£2.51	£2.72	£3.12	8.00	£2.50	£1.11	£1.51	£1.91	£2.31	£2.51	£2.72	£3.12
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£4.72	£5.48	£6.21	£6.96	£7.34	£7.72	£8.48	2.00	£2.50	£4.72	£5.48	£6.21	£6.96	£7.34	£7.72	£8.48	2.00	£2.50	£4.72	£5.48	£6.21	£6.96	£7.34	£7.72	£8.48
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses/10% flats.	100	£7.50	£1.77	£1.21	£0.85	£0.09	£0.20	£0.49	£1.07	5.00	£2.50	£1.77	£1.21	£0.85	£0.09	£0.20	£0.49	£1.07	5.00	£2.50	£1.77	£1.21	£0.85	£0.09	£0.20	£0.49	£1.07
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£1.55	£0.99	£0.43	£0.15	£0.44	£0.73	£1.32	3.00	£2.50	£1.55	£0.99	£0.43	£0.15	£0.44	£0.73	£1.32	3.00	£2.50	£1.55	£0.99	£0.43	£0.15	£0.44	£0.73	£1.32
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£11.50	£12.97	£14.46	£15.96	£16.71	£17.47	£19.61	7.00	£2.50	£11.50	£12.97	£14.46	£15.96	£16.71	£17.47	£19.61	7.00	£2.50	£11.50	£12.97	£14.46	£15.96	£16.71	£17.47	£19.61
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	£25.37	£28.92	£32.50	£36.10	£37.91	£39.73	£43.39	9.00	£2.50	£25.37	£28.92	£32.50	£36.10	£37.91	£39.73	£43.39	9.00	£2.50	£25.37	£28.92	£32.50	£36.10	£37.91	£39.73	£43.39
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£15.00	£3.31	£2.28	£1.23	£0.16	£0.36	£0.90	£2.00	10.00	£2.50	£3.31	£2.28	£1.23	£0.16	£0.36	£0.90	£2.00	10.00	£2.50	£3.31	£2.28	£1.23	£0.16	£0.36	£0.90	£2.00
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.65	£6.38	£4.75	£3.15	£4.60	£6.96	£9.41	£14.32	42.50	£2.50	£6.38	£4.75	£3.15	£4.60	£6.96	£9.41	£14.32	42.50	£2.50	£6.38	£4.75	£3.15	£4.60	£6.96	£9.41	£14.32
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£125.00	£25.89	£15.93	£5.87	£4.39	£9.63	£14.93	£25.80	100.00	£2.50	£25.89	£15.93	£5.87	£4.39	£9.63	£14.93	£25.80	100.00	£2.50	£25.89	£15.93	£5.87	£4.39	£9.63	£14.93	£25.80
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£40.58	£24.54	£8.27	£8.43	£16.99	£25.69	£43.76	175.00	£2.50	£40.58	£24.54	£8.27	£8.43	£16.99	£25.69	£43.76	175.00	£2.50	£40.58	£24.54	£8.27	£8.43	£16.99	£25.69	£43.76
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£0.42	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	0.56	£2.50	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	0.56	£2.50	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67
24 C3 ECH scheme (60 units)	60	£2.00	£3.85	£4.06	£4.28	£4.49	£4.60	£4.70	£4.92	0.80	£2.50	£3.85	£4.06	£4.28	£4.49	£4.60	£4.70	£4.92	0.80	£2.50	£3.85	£4.06	£4.28	£4.49	£4.60	£4.70	£4.92
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	1.00	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	1.00	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	1.00	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	1.00	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85
27 Class E (office) central/inner 70% plot ratio - BF	-	£2.50	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	1.00	£2.50	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	1.00	£2.50	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20
28 Class E (office) suburban/edge 50% plot ratio - GF	-	£2.50	£0.																								



Table 5.1.3: Value Band B: £3,400 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m):		AH tenure		63%	12%	25%	CTL - X to run macro		(Macro 5)				
BLV: HIGHER VALUE BROWNFIELD																				BLVs		BLV per ha	
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£m)	BLV per ha (£/m)	Residual land values (£/m per hectare)								Higher value brownfield	£2,500,000		
1 Central (500 dph - all flats)	500	£2.50	-£9.11	-£10.57	-£12.04	-£13.50	-£14.24	-£14.97	-£16.43	1.00	£2.50	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Medium value brownfield	£1,500,000			
2 Central / urban (300 dph - 100% flats)	300	£2.50	-£4.24	-£4.97	-£5.70	-£6.44	-£6.81	-£7.18	-£7.92	1.00	£2.50	-£9.11	-£10.57	-£12.04	-£13.50	-£14.24	-£14.97	-£16.43	Lower value brownfield	£750,000			
3 Central / urban (200 dph - 100% flats)	200	£2.50	-£3.03	-£3.51	-£4.00	-£4.49	-£4.74	-£4.99	-£5.49	1.00	£2.50	-£4.24	-£4.97	-£5.70	-£6.44	-£6.81	-£7.18	-£7.92	Higher value greenfield	£250,000			
4 Central urban (100 dph - 100% flats)	100	£2.50	-£1.77	-£2.03	-£2.30	-£2.56	-£2.70	-£2.83	-£3.11	1.00	£2.50	-£3.03	-£3.51	-£4.00	-£4.49	-£4.74	-£4.99	-£5.49	Lower value greenfield	£150,000			
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£0.37	£0.07	-£0.23	-£0.54	-£0.69	-£0.85	-£1.16	1.00	£2.50	-£1.77	-£2.03	-£2.30	-£2.56	-£2.70	-£2.83	-£3.11					
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£1.07	£0.86	£0.65	£0.44	£0.33	£0.22	£0.01	1.00	£2.50	£0.37	£0.07	-£0.23	-£0.54	-£0.69	-£0.85	-£1.16	BLVs incorporate 20% premium				
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats, 85% houses)	50	£2.50	£2.42	£2.14	£1.87	£1.59	£1.46	£1.32	£1.04	1.00	£2.50	£1.07	£0.86	£0.65	£0.44	£0.33	£0.22	£0.01					
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£1.31	£1.07	£0.83	£0.60	£0.49	£0.37	£0.13	1.00	£2.50	£2.42	£2.14	£1.87	£1.59	£1.46	£1.32	£1.04					
9 Central urban (100 dph - 100% flats)	30	£0.75	-£0.54	-£0.62	-£0.70	-£0.78	-£0.82	-£0.86	-£0.94	0.30	£2.50	£1.31	£1.07	£0.83	£0.60	£0.49	£0.37	£0.13					
10 Central/ outer central (200dph 100% Flats)	40	£0.50	-£0.56	-£0.67	-£0.78	-£0.89	-£0.95	-£1.00	-£1.11	0.20	£2.50	-£0.54	-£0.62	-£0.70	-£0.78	-£0.82	-£0.86	-£0.94					
11 Central (300 dph - 100% flats)	53	£0.44	-£1.10	-£1.26	-£1.42	-£1.57	-£1.65	-£1.73	-£1.89	0.18	£2.50	-£0.56	-£0.67	-£0.78	-£0.89	-£0.95	-£1.00	-£1.11					
12 Employment-led MU	145	£2.50	-£2.06	-£2.43	-£2.81	-£3.18	-£3.37	-£3.56	-£3.95	1.00	£2.50	-£1.10	-£1.26	-£1.42	-£1.57	-£1.65	-£1.73	-£1.89					
13 Employment-led MU	160	£20.00	£0.24	-£0.17	-£0.58	-£1.00	-£1.21	-£1.42	-£1.84	0.20	£2.50	-£2.06	-£2.43	-£2.81	-£3.18	-£3.37	-£3.56	-£3.95	Key				
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£3.00	-£2.20	-£2.97	-£3.74	-£4.52	-£4.91	-£5.30	-£6.09	1.00	£2.50	Viable result:	-£2.20	-£2.97	-£3.74	-£4.52	-£4.91	-£5.30	£XX.XX				
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses/10% flats.	100	£12.50	£3.28	£2.67	£2.07	£1.48	£1.20	£0.91	£0.31	5.00	£2.50	Unviable result:	-£3.28	-£2.67	-£2.07	-£1.48	-£1.20	-£0.91	£XX.XX				
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£3.06	£2.48	£1.90	£1.31	£1.01	£0.72	£0.12	3.00	£2.50	Unviable, but within 10% of BLV:	-£3.06	-£2.48	-£1.90	-£1.31	-£1.01	-£0.72	£XX.XX				
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	-£8.45	-£8.01	-£9.58	-£11.17	-£11.97	-£12.76	-£14.40	7.00	£2.50	-£8.45	-£8.01	-£9.58	-£11.17	-£11.97	-£12.76	-£14.40					
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	-£14.50	-£18.12	-£21.80	-£25.54	-£27.42	-£29.31	-£33.11	9.00	£2.50	-£14.50	-£18.12	-£21.80	-£25.54	-£27.42	-£29.31	-£33.11					
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£6.11	£5.06	£3.92	£2.83	£2.27	£1.72	£0.60	10.00	£2.50	-£1.61	-£2.01	-£2.42	-£2.84	-£3.05	-£3.26	-£3.68					
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£22.06	£17.33	£12.58	£7.79	£5.38	£2.95	-£1.96	42.50	£2.50	£0.61	£0.50	£0.39	£0.28	£0.23	£0.17	£0.06					
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£52.34	£42.07	£31.71	£21.28	£16.02	£10.73	£0.05	100.00	£2.50	£0.52	£0.41	£0.30	£0.16	£0.13	£0.07	-£0.05					
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£63.29	£66.79	£50.12	£33.31	£24.85	£16.30	-£0.99	175.00	£2.50	£0.52	£0.42	£0.32	£0.21	£0.16	£0.11	£0.00					
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£1.40	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	0.56	£2.50	£0.48	£0.38	£0.29	£0.19	£0.14	£0.09	-£0.01					
24 C3 ECH scheme (60 units)	60	£1.20	-£3.31	-£3.52	-£3.73	-£3.94	-£4.05	-£4.15	-£4.36	0.80	£2.50	£0.35	£0.35	£0.35	£0.35	£0.35	£0.35	£0.35					
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	1.00	£2.50	-£4.14	-£4.40	-£4.66	-£4.93	-£5.06	-£5.19	-£5.45					
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	1.00	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42					
27 Class E (office) central/inner 70% plot ratio - BF	-	£2.50	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	1.00	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85					
28 Class E (office) suburban/edge 50% plot ratio - GF	-	£2.50	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	1.00	£2.50	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20					
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	1.00	£2.50	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14					
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	1.00	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81					
										1.00	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29				
BLV: MEDIUM VALUE BROWNFIELD																							
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£m)	BLV per ha (£/m)	Residual land values (£/m per hectare)								Higher value brownfield	£2,500,000		
1 Central (500 dph - all flats)	500	£1.50	-£9.11	-£10.57	-£12.04	-£13.50	-£14.24	-£14.97	-£16.43	1.00	£1.50	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Medium value brownfield <th>£1,500,000</th>	£1,500,000			
2 Central / urban (300 dph - 100% flats)	300	£1.50	-£4.24	-£4.97	-£5.70	-£6.44	-£6.81	-£7.18	-£7.92	1.00	£1.50	-£9.11	-£10.57	-£12.04	-£13.50	-£14.24	-£14.97	-£16.43	Lower value brownfield <th>£750,000</th>	£750,000			
3 Central / urban (200 dph - 100% flats)	200	£1.50	-£3.03	-£3.51	-£4.00	-£4.49	-£4.74	-£4.99	-£5.49	1.00	£1.50	-£4.24	-£4.97	-£5.70	-£6.44	-£6.81	-£7.18	-£7.92	Higher value greenfield <th>£250,000</th>	£250,000			
4 Central urban (100 dph - 100% flats)	100	£1.50	-£1.77	-£2.03	-£2.30	-£2.56	-£2.70	-£2.83	-£3.11	1.00	£1.50	-£3.03	-£3.51	-£4.00	-£4.49	-£4.74	-£4.99	-£5.49	Lower value greenfield <th>£150,000</th>	£150,000			
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£0.37	£0.07	-£0.23	-£0.54	-£0.69	-£0.85	-£1.16	1.00	£1.50	-£1.77	-£2.03	-£2.30	-£2.56	-£2.70	-£2.83	-£3.11					
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£1.50	£1.07	£0.86	£0.65	£0.44	£0.33	£0.22	£0.01	1.00	£1.50	£0.37	£0.07	-£0.23	-£0.54	-£0.69	-£0.85	-£1.16	BLVs incorporate 20% premium				
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats, 85% houses)	50	£1.50	£2.42	£2.14	£1.87	£1.59	£1.46	£1.32	£1.04	1.00	£1.50	£1.07	£0.86	£0.65	£0.44	£0.33	£0.22	£0.01					
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£1.31	£1.07	£0.83	£0.60	£0.49	£0.37	£0.13	1.00	£1.50	£2.42	£2.14	£1.87	£1.59	£1.46	£1.32	£1.04					
9 Central urban (100 dph - 100% flats)	30	£0.45	-£0.54	-£0.62	-£0.70	-£0.78	-£0.82	-£0.86	-£0.94	0.30	£1.50	£1.31	£1.07	£0.83	£0.60	£0.49	£0.37	£0.13					
10 Central/ outer central (200dph 100% Flats)	40	£0.30	-£0.56	-£0.67	-£0.78	-£0.89	-£0.95	-£1.00	-£1.11	0.20	£1.50	-£0.54	-£0.62	-£0.70	-£0.78	-£0.82	-£0.86	-£0.94					
11 Central (300 dph - 100% flats)	53	£0.13	-£1.10	-£1.26	-£1.42	-£1.57	-£1.65	-£1.73	-£1.89	0.18	£1.50	-£0.56	-£0.67	-£0.78	-£0.89	-£0.95	-£1.00	-£1.11					
12 Employment-led MU	145	£1.50	-£2.06	-£2.43	-£2.81	-£3.18	-£3.37	-£3.56	-£3.95	1.00	£1.50	-£1.10	-£1.26	-£1.42	-£1.57	-£1.65	-£1.73	-£1.89					
13 Employment-led MU	160	£6.00	£0.24	-£0.17	-£0.58	-£1.00	-£1.21	-£1.42	-£1.84	8.00	£1.50	-£2.06	-£2.43	-£2.81	-£3.18	-£3.37	-£3.56	-£3.95	Key				
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£3.00	-£2.20	-£2.97	-£3.74	-£4.52	-£4.91	-£5.30	-£6.09	2.00	£1.50	Viable result:	-£2.20	-£2.97	-£3.74	-£4.52	-£4.91	-£5.30	£XX.XX				
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses/10% flats.	100	£3.75	£3.28	£2.67	£2.07	£1.48	£1.20	£0.91	£0.31	5.00	£1.50	Unviable result:	-£3.28	-£2.67	-£2.07	-£1.48	-£1.20	-£0.91	£XX.XX				
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£2.25	£3.06	£2.48	£1.90	£1.31	£1.01	£0.72	£0.12	3.00	£1.50	Unviable, but within 10% of BLV:	-£3.06	-£2.48	-£1.90	-£1.31	-£1.01	-£0.72	£XX.XX				
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	-£8.45	-£8.01	-£9.58	-£11.17	-£11.97	-£12.76	-£14.40	7.00	£1.50	-£8.45	-£8.01	-£9.58	-£11.17	-£11.97	-£12.76	-£14.40					
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£6.75	-£14.50	-£18.12	-£21.80	-£25.54	-£27.42	-£29.31	-£33.11	9.00	£1.50	-£14.50	-£18.12	-£21.80	-£25.54	-£27.42	-£29.31	-£33.11					
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£7.50	£6.11	£5.06	£3.92	£2.83	£2.27	£1.72	£0.60	10.00	£1.50	-£1.61	-£2.01	-£2.42	-£2.84	-£3.05	-£3.26	-£3.68					
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£22.06	£17.33	£12.58	£7.79	£5.38	£2.95	-£1.96	42.50	£1.50	£0.61	£0.50	£0.39	£0.28	£0.23	£0.17	£0.06					
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£52.34	£42.07	£31.71	£21.28	£16.02	£10.73	£0.05	100.00	£1.50	£0.52	£0.42	£0.32	£0.21	£0.16	£0.11	£0.00					
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£131.25	£63.29	£66.79	£50.12	£33.31	£24.85	£16.30	-£0.99	175.00	£1.50	£0.48	£0.38	£0.29	£0.19	£0.14	£0.09	-£0.01					
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£0.42	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	0.56	£1.50	£0.35	£0.35	£0.35	£0.35	£0.35	£0.35	£0.35					
24 C3 ECH scheme (60 units)	60	£0.60	-£3.31</																				

Table 5.1.4: Value Band C: £3,530 per square metre

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Table 5.1.6: Value Band E: £4,000 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m):		AH tenure		63% 12% 25%		CTL - X to run macro (Macro 5)			
BLV: HIGHER VALUE BROWNFIELD																			
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£m)	BLV per ha (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	BLVs
1 Central (500 dph - all flats)	500	£2.50	£2.87	£1.11	£0.67	£2.48	£3.39	£4.30	£6.11	1.00	£2.50	£2.87	£1.11	£0.67	£2.48	£3.39	£4.30	£6.11	Higher value brownfield
2 Central / urban (300 dph - 100% flats)	300	£2.50	£4.87	£3.07	£2.07	£1.86	£1.35	£0.84	£0.18	1.00	£2.50	£4.87	£3.07	£2.07	£1.86	£1.35	£0.84	£0.18	Medium value brownfield
3 Central / urban (200 dph - 100% flats)	200	£2.50	£2.45	£1.78	£1.11	£0.43	£0.09	£0.25	£0.96	1.00	£2.50	£2.45	£1.78	£1.11	£0.43	£0.09	£0.25	£0.96	Lower value brownfield
4 Central urban (100 dph - 100% flats)	100	£2.50	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	£0.35	1.00	£2.50	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	£0.35	Higher value greenfield
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.46	1.00	£2.50	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.46	Lower value greenfield
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£3.06	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	1.00	£2.50	£3.06	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats,85% houses)	50	£2.50	£4.29	£3.90	£3.52	£3.15	£2.96	£2.76	£2.42	1.00	£2.50	£4.29	£3.90	£3.52	£3.15	£2.96	£2.76	£2.42	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£2.97	£2.62	£2.27	£1.93	£1.76	£1.60	£1.27	1.00	£2.50	£2.97	£2.62	£2.27	£1.93	£1.76	£1.60	£1.27	
9 Central urban (100 dph - 100% flats)	30	£0.75	£0.31	£0.19	£0.07	£0.06	£0.12	£0.16	£0.31	0.30	£2.50	£1.02	£0.62	£0.22	£0.19	£0.40	£0.61	£1.03	
10 Central / outer central (200dph 100% Flats)	40	£0.50	£0.37	£0.22	£0.07	£0.06	£0.16	£0.23	£0.39	0.20	£2.50	£1.84	£1.10	£0.36	£0.40	£0.79	£1.17	£1.95	
11 Central (300 dph - 100% flats)	53	£0.44	£0.07	£0.26	£0.46	£0.65	£0.75	£0.85	£1.04	0.18	£2.50	£0.39	£1.50	£2.62	£3.73	£4.28	£4.84	£5.95	
12 Employment-led MU	145	£2.50	£9.55	£9.04	£8.52	£8.00	£7.74	£7.48	£6.95	1.00	£2.50	£9.55	£9.04	£8.52	£8.00	£7.74	£7.48	£6.95	
13 Employment-led MU	160	£20.00	£57.67	£57.09	£56.51	£55.92	£55.62	£55.33	£54.73	8.00	£2.50	£7.21	£7.14	£7.06	£6.99	£6.95	£6.92	£6.84	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£5.00	£8.37	£7.33	£6.27	£5.21	£4.68	£4.14	£3.06	2.00	£2.50	£4.19	£3.66	£3.14	£2.61	£2.34	£2.07	£1.53	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses/10% flats.	100	£12.50	£9.03	£8.13	£7.24	£6.38	£5.95	£5.53	£4.70	5.00	£2.50	£1.81	£1.63	£1.45	£1.28	£1.19	£1.11	£0.94	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£7.27	£6.44	£5.62	£4.82	£4.42	£4.03	£3.25	3.00	£2.50	£2.42	£2.15	£1.87	£1.61	£1.47	£1.34	£1.08	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£10.89	£8.76	£6.61	£4.41	£3.31	£2.19	£0.65	7.00	£2.50	£1.56	£1.25	£0.94	£0.63	£0.47	£0.31	£0.01	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	£18.94	£14.25	£9.52	£4.71	£2.28	£0.19	£5.22	9.00	£2.50	£2.10	£1.58	£1.06	£0.52	£0.25	£0.02	£0.56	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£17.75	£16.12	£14.53	£12.96	£12.19	£11.42	£9.91	10.00	£2.50	£1.78	£1.61	£1.45	£1.30	£1.22	£1.14	£0.99	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£63.62	£57.01	£50.50	£44.08	£40.91	£37.76	£31.55	42.50	£2.50	£1.50	£1.34	£1.19	£1.04	£0.96	£0.89	£0.74	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£138.39	£123.90	£109.61	£95.54	£88.59	£81.69	£68.05	100.00	£2.50	£1.38	£1.24	£1.10	£0.96	£0.89	£0.82	£0.68	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£221.35	£198.13	£175.25	£152.71	£141.57	£130.51	£108.65	175.00	£2.50	£1.26	£1.13	£1.00	£0.87	£0.81	£0.75	£0.62	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£1.40	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	0.56	£2.50	£10.96	£10.96	£10.96	£10.96	£10.96	£10.96	£10.96	
24 C3 ECH scheme (60 units)	60	£2.00	£1.88	£2.14	£2.40	£2.66	£2.79	£2.92	£3.16	0.80	£2.50	£2.35	£2.67	£3.00	£3.32	£3.48	£3.65	£3.97	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	1.00	£2.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	1.00	£2.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	
27 Class E (office) central/inner 70% plot ratio - BF	-	£2.50	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	1.00	£2.50	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	
28 Class E (office) suburban/edge 50% plot ratio - GF	-	£2.50	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	1.00	£2.50	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	1.00	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	1.00	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	
BLV: MEDIUM VALUE BROWNFIELD																			
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£m)	BLV per ha (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	BLVs
1 Central (500 dph - all flats)	500	£1.50	£2.87	£1.11	£0.67	£2.48	£3.39	£4.30	£6.11	1.00	£1.50	£2.87	£1.11	£0.67	£2.48	£3.39	£4.30	£6.11	Higher value brownfield
2 Central / urban (300 dph - 100% flats)	300	£1.50	£4.87	£3.07	£2.07	£1.86	£1.35	£0.84	£0.18	1.00	£1.50	£4.87	£3.07	£2.07	£1.86	£1.35	£0.84	£0.18	Medium value brownfield
3 Central / urban (200 dph - 100% flats)	200	£1.50	£2.45	£1.78	£1.11	£0.43	£0.09	£0.25	£0.96	1.00	£1.50	£2.45	£1.78	£1.11	£0.43	£0.09	£0.25	£0.96	Lower value brownfield
4 Central urban (100 dph - 100% flats)	100	£1.50	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	£0.35	1.00	£1.50	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	£0.35	Higher value greenfield
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.46	1.00	£1.50	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.46	Lower value greenfield
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£1.50	£3.06	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	1.00	£1.50	£3.06	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats,85% houses)	50	£1.50	£4.29	£3.90	£3.52	£3.15	£2.96	£2.76	£2.42	1.00	£1.50	£4.29	£3.90	£3.52	£3.15	£2.96	£2.76	£2.42	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£2.97	£2.62	£2.27	£1.93	£1.76	£1.60											



Table 5.1.7: Value Band F: £4,250 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m):		AH tenure		63%		12%		25%		CTL - X to run macro		(Macro 5)															
BLV: HIGHER VALUE BROWNFIELD																				Site area		BLV per ha		Residual land values (£/m per hectare)										BLVs		BLV per ha	

Table 5.1.8: Value Band G: £4,500 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£/pam):

£4,500

AH tenure

63%

12%

25%

CTL = X to run macro (Macro 5)

BLVs

BLV per ha

BLV: HIGH VALUE BROWNFIELD

Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£/m)	BLV per ha (£/m)	Residual land values (£/m per hectare)					
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH			0% AH	10% AH	20% AH	30% AH	40% AH	50% AH
1 Central (500 dph - all flats)	500	£2.50	£11.58	£9.82	£8.04	£6.27	£5.39	£4.50	£2.73	1.00	£2.50	£11.58	£9.82	£8.04	£6.27	£5.39	£4.50
2 Central / urban (300 dph - 100% flats)	300	£2.50	£11.30	£10.24	£9.16	£8.08	£7.54	£6.99	£5.89	1.00	£2.50	£11.30	£10.24	£9.16	£8.08	£7.54	£6.99
3 Central / urban (200 dph - 100% flats)	200	£2.50	£8.51	£5.79	£5.07	£4.34	£3.97	£3.80	£2.86	1.00	£2.50	£8.51	£5.79	£5.07	£4.34	£3.97	£3.80
4 Central urban (100 dph - 100% flats)	100	£2.50	£4.02	£3.60	£3.18	£2.75	£2.54	£2.32	£1.89	1.00	£2.50	£4.02	£3.60	£3.18	£2.75	£2.54	£2.32
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£6.12	£5.64	£5.18	£4.72	£4.48	£4.24	£3.76	1.00	£2.50	£6.12	£5.64	£5.18	£4.72	£4.48	£4.24
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£4.69	£4.39	£4.09	£3.78	£3.63	£3.47	£3.16	1.00	£2.50	£4.69	£4.39	£4.09	£3.78	£3.63	£3.47
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats, 85% houses)	50	£2.50	£5.82	£5.37	£4.93	£4.49	£4.28	£4.06	£3.64	1.00	£2.50	£5.82	£5.37	£4.93	£4.49	£4.28	£4.06
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£4.33	£3.92	£3.51	£3.11	£2.91	£2.72	£2.33	1.00	£2.50	£4.33	£3.92	£3.51	£3.11	£2.91	£2.72
9 Central urban (100 dph - 100% flats)	30	£0.75	£0.99	£0.85	£0.72	£0.58	£0.51	£0.43	£0.29	0.30	£2.50	£3.30	£2.84	£2.38	£1.92	£1.68	£1.45
10 Central/ outer central (200dph 100% Flats)	40	£0.50	£1.12	£0.96	£0.80	£0.64	£0.56	£0.48	£0.31	0.20	£2.50	£5.62	£4.82	£4.01	£3.20	£2.79	£2.38
11 Central (300 dph - 100% flats)	53	£0.44	£0.77	£0.57	£0.38	£0.19	£0.09	£0.00	£0.20	0.18	£2.50	£4.38	£3.28	£2.18	£1.08	£0.53	£0.02
12 Employment-led MU	145	£2.50	£15.96	£15.41	£14.85	£14.28	£13.99	£13.69	£13.11	1.00	£2.50	£15.96	£15.41	£14.85	£14.28	£13.99	£13.69
13 Employment-led MU	160	£20.00	£95.26	£94.64	£94.00	£93.37	£93.05	£92.72	£92.08	8.00	£2.50	£10.66	£10.58	£10.50	£10.42	£10.38	£10.34
14 Size based - 2-10 ha - 75% net to gross, 200 dph	300	£5.00	£15.55	£14.42	£13.28	£12.14	£11.56	£10.98	£9.81	2.00	£2.50	£7.78	£7.21	£6.64	£6.07	£5.78	£5.49
15 Size based - 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats	100	£12.50	£10.76	£12.11	£11.09	£10.08	£9.59	£9.09	£8.12	5.00	£2.50	£2.63	£2.42	£2.22	£2.02	£1.92	£1.82
16 Size based - 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£2.50	£10.76	£9.74	£8.79	£7.85	£7.39	£6.93	£6.02	3.00	£2.50	£3.57	£3.25	£2.93	£2.62	£2.46	£2.31
17 Size based - 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£23.41	£21.05	£18.67	£16.27	£15.06	£13.84	£11.38	7.00	£15.00	£23.41	£21.05	£18.67	£16.27	£15.06	£13.84
18 Size based - 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	£43.37	£38.37	£33.33	£28.24	£25.68	£23.10	£17.91	9.00	£15.00	£43.37	£38.37	£33.33	£28.24	£25.68	£23.10
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£25.93	£24.03	£22.15	£20.31	£19.41	£18.51	£16.74	10.00	£15.00	£25.93	£24.03	£22.15	£20.31	£19.41	£18.51
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.75	£95.22	£97.49	£79.87	£72.36	£68.65	£64.96	£57.67	42.50	£15.00	£22.4	£20.6	£18.8	£17.0	£16.2	£15.3
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£203.49	£198.60	£189.95	£183.54	£145.42	£137.37	£121.44	100.00	£2.50	£2.03	£1.87	£1.70	£1.54	£1.45	£1.37
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£325.33	£298.27	£271.59	£245.30	£232.29	£219.39	£193.86	175.00	£2.50	£1.86	£1.70	£1.55	£1.40	£1.33	£1.25
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£1.40	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	0.56	£2.50	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86
24 C3 ECH scheme (60 units)	60	£2.00	£0.71	£0.97	£1.23	£1.48	£1.61	£1.74	£2.00	0.80	£2.50	£0.89	£1.21	£1.53	£1.85	£2.01	£2.17
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	1.00	£2.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	1.00	£2.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69
27 Class E (office) central/inner 70% plot ratio - BF	-	£2.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	1.00	£2.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01
28 Class E (office) suburban/edge 50% plot ratio - GF	-	£2.50	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	1.00	£2.50	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	1.00	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	1.00	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29

BLV: MEDIUM VALUE BROWNFIELD

Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£/m)	BLV per ha (£/m)	Residual land values (£/m per hectare)					
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH			0% AH	10% AH	20% AH	30% AH	40% AH	50% AH
1 Central (500 dph - all flats)	500	£1.50	£11.59	£9.82	£8.04	£6.27	£5.39	£4.50	£2.73	1.00	£1.50	£11.59	£9.82	£8.04	£6.27	£5.39	£4.50
2 Central / urban (300 dph - 100% flats)	300	£1.50	£11.30	£10.24	£9.16	£8.08	£7.54	£6.99	£5.89	1.00	£1.50	£11.30	£10.24	£9.16	£8.08	£7.54	£6.99
3 Central / urban (200 dph - 100% flats)	200	£1.50	£8.51	£5.79	£5.07	£4.34	£3.97	£3.80	£2.86	1.00	£1.50	£8.51	£5.79	£5.07	£4.34	£3.97	£3.80
4 Central urban (100 dph - 100% flats)	100	£1.50	£4.02	£3.60	£3.18	£2.75	£2.54	£2.32	£1.89	1.00	£1.50	£4.02	£3.60	£3.18	£2.75	£2.54	£2.32
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£6.12	£5.64	£5.18	£4.72	£4.48	£4.24	£3.76	1.00	£1.50	£6.12	£5.64	£5.18	£4.72	£4.48	£4.24
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£1.50	£4.69	£4.39	£4.09	£3.78	£3.63	£3.47	£3.16	1.00	£1.50	£4.69	£4.39	£4.09	£3.78	£3.63	£3.47
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats, 85% houses)	50	£1.50	£5.82	£5.37	£4.93	£4.49	£4.28	£4.06	£3.64	1.00	£1.50	£5.82	£5.37	£4.93	£4.49	£4.28	£4.06
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£4.33	£3.92	£3.51	£3.11	£2.91	£2.72	£2.33	1.00	£1.50	£4.33	£3.92	£3.51	£3.11	£2.91	£2.72
9 Central urban (100 dph - 100% flats)	30	£0.45	£0.99	£0.85	£0.72	£0.58	£0.51	£0.43	£0.29	0.30	£1.50	£3.30	£2.84	£2.38	£1.92	£1.68	£1.45
10 Central/ outer central (200dph 100% Flats)	40	£0.30	£1.12	£0.96	£0.80	£0.64	£0.56	£0.48	£0.31	0.20	£1.50	£5.62	£4.82	£4.01	£3.20	£2.79	£2.38
11 Central (300 dph - 100% flats)	53	£0.26	£0.77	£0.57	£0.38	£0.19	£0.09	£0.00	£0.20	0.18	£1.50	£4.38	£3.28	£2.18	£1.08	£0.53	£0.02
12 Employment-led MU	145	£1.50	£15.96	£15.41	£14.85	£14.28	£13.99	£13.69	£13.11	1.00	£1.50	£15.96	£15.41	£14.85	£14.28	£13.99	£13.69
13 Employment-led MU	160	£12.00	£95.26	£94.64	£94.00	£93.37	£93.05	£92.72	£92.08	8.00	£1.50	£10.66	£10.58	£10.50	£10.42	£10.38	£10.34
14 Size based - 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£15.55	£14.42	£13.28	£12.14	£11.56	£10.98	£9.81	2.00	£1.50	£7.78	£7.21	£6.64	£6.07	£5.78	£5.49
15 Size based - 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats	100	£7.50	£13.16	£12.11	£11.09	£10.08	£9.59	£9.09	£8.12	5.00	£1.50	£2.63	£2.42	£2.22	£2.02	£1.92	£1.82
16 Size based - 2-10 ha - 75% net to gross, 200 dph	113	£4.50	£10.76	£9.74	£8.79	£7.85	£7.39	£6.93	£6.02	3.00	£1.50	£3.57	£3.25	£2.93	£2.62	£2.46	£2.31
17 Size based - 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£23.41	£21.05	£18.67	£16.27	£15.06	£13.84	£11.38	7.00	£1.50	£23.41	£21.05	£18.67	£16.27	£15.06	£13.84
18 Size based - 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	£43.37	£38.37	£33.33	£28.24	£25.68	£23.10	£17.91	9.00	£1.50	£43.37	£38.37	£33.33	£28.24	£25.68	£23.10
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£15.00	£25.93	£24.03	£22.15	£20.31	£19.41	£18.51	£16.74	10.00	£1.50	£25.93	£24.03	£22.15	£20.31	£19.41	£18.51
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.75	£95.22	£97.49	£79.87	£72.36	£68.65	£64.96	£57.67	42.50	£1.50	£22.4	£20.6	£18.8	£17.0	£16.2	£15.3
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£150.00	£203.49	£198.60	£189.95	£183.54	£145.42	£137.37	£121.44	100.00	£1.50	£2.03	£1.87	£1.70	£1.54	£1.45	£1.37
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£262.50	£325.33	£298.27	£271.59	£245.30	£232.29	£219.39	£193.86	175.00	£1.50	£1.86	£1.70	£1.55	£1.40	£1.33	£1.25
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£0.84	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	0.56	£1.50	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86
24 C3 ECH scheme (60 units)	60	£1.50	£0.89	£1.21	£1.53	£1.85	£2.01	£2.17	£2.49	0.80	£1.50	£0.89	£1.21	£1.53	£1.85	£2.01	£2.17
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£1.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	1.00	£1.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£1.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	1.00	£1.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69
27 Class E (office) central/inner 70% plot ratio - BF	-	£1.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	1.00	£1.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01
28 Class E (office) suburban/edge 50% plot ratio - GF	-	£1.50															



Table 5.1.9: Value Band H: £4,750 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m):		£4,750		AH tenure		63%		12%		25%		CTL - X to run macro		(Macro 5)					
BLV: HIGHER VALUE BROWNFIELD																													
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£m)	BLV per ha (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Residual land values (£/m per hectare)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	BLVs	BLV per ha	
1 Central (500 dph - all flats)	500	£2.50	£15.88	£14.00	£12.13	£10.25	£9.31	£8.37	£6.49	1.00	£2.50	£15.88	£14.00	£12.13	£10.25	£9.31	£8.37	£6.49	£15.88	£14.00	£12.13	£10.25	£9.31	£8.37	£6.49	Higher value brownfield	£2,500,000		
2 Central / urban (300 dph - 100% flats)	300	£2.50	£14.29	£13.12	£11.94	£10.75	£10.16	£9.56	£8.35	1.00	£2.50	£14.29	£13.12	£11.94	£10.75	£10.16	£9.56	£8.35	£14.29	£13.12	£11.94	£10.75	£10.16	£9.56	£8.35	Medium value brownfield	£1,500,000		
3 Central / urban (200 dph - 100% flats)	200	£2.50	£8.52	£7.73	£6.94	£6.14	£5.74	£5.33	£4.52	1.00	£2.50	£8.52	£7.73	£6.94	£6.14	£5.74	£5.33	£4.52	£8.52	£7.73	£6.94	£6.14	£5.74	£5.33	£4.52	Lower value brownfield	£750,000		
4 Central urban (100 dph - 100% flats)	100	£2.50	£5.18	£4.72	£4.25	£3.78	£3.54	£3.30	£2.82	1.00	£2.50	£5.18	£4.72	£4.25	£3.78	£3.54	£3.30	£2.82	£5.18	£4.72	£4.25	£3.78	£3.54	£3.30	£2.82	Higher value greenfield	£250,000		
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£7.46	£6.91	£6.37	£5.84	£5.58	£5.33	£4.82	1.00	£2.50	£7.46	£6.91	£6.37	£5.84	£5.58	£5.33	£4.82	£7.46	£6.91	£6.37	£5.84	£5.58	£5.33	£4.82	Lower value greenfield	£150,000		
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£5.59	£5.25	£4.91	£4.57	£4.41	£4.25	£3.92	1.00	£2.50	£5.59	£5.25	£4.91	£4.57	£4.41	£4.25	£3.92	£5.59	£5.25	£4.91	£4.57	£4.41	£4.25	£3.92				
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats,85% houses)	50	£2.50	£6.65	£6.16	£5.67	£5.19	£4.95	£4.71	£4.25	1.00	£2.50	£6.65	£6.16	£5.67	£5.19	£4.95	£4.71	£4.25	£6.65	£6.16	£5.67	£5.19	£4.95	£4.71	£4.25				
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£5.07	£4.61	£4.16	£3.72	£3.50	£3.29	£2.86	1.00	£2.50	£5.07	£4.61	£4.16	£3.72	£3.50	£3.29	£2.86	£5.07	£4.61	£4.16	£3.72	£3.50	£3.29	£2.86				
9 Central urban (100 dph - 100% flats)	30	£0.75	£1.37	£1.21	£1.06	£0.91	£0.83	£0.75	£0.59	0.30	£2.50	£4.57	£4.04	£3.54	£3.03	£2.76	£2.50	£1.97	£4.57	£4.04	£3.54	£3.03	£2.76	£2.50	£1.97				
10 Central outer central (200dph 100% Flats)	40	£0.30	£1.55	£1.37	£1.19	£1.02	£0.93	£0.84	£0.66	0.20	£2.50	£7.74	£6.86	£5.97	£5.08	£4.64	£4.19	£3.28	£7.74	£6.86	£5.97	£5.08	£4.64	£4.19	£3.28				
11 Central (300 dph - 100% flats)	53	£0.44	£1.24	£1.03	£0.83	£0.62	£0.52	£0.42	£0.22	0.18	£2.50	£7.06	£5.90	£4.73	£3.57	£2.99	£2.40	£1.24	£7.06	£5.90	£4.73	£3.57	£2.99	£2.40	£1.24				
12 Employment-led MU	145	£2.50	£17.44	£16.83	£16.22	£15.59	£15.27	£14.95	£14.31	1.00	£2.50	£17.44	£16.83	£16.22	£15.59	£15.27	£14.95	£14.31	£17.44	£16.83	£16.22	£15.59	£15.27	£14.95	£14.31				
13 Employment-led MU	160	£20.00	£66.89	£66.20	£65.51	£64.81	£64.46	£64.11	£63.41	8.00	£2.50	£10.86	£10.78	£10.69	£10.60	£10.56	£10.51	£10.43	£10.86	£10.78	£10.69	£10.60	£10.56	£10.51	£10.43				
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£5.00	£18.59	£17.35	£16.10	£14.84	£14.21	£13.58	£12.30	2.00	£2.50	£9.29	£8.67	£8.05	£7.42	£7.11	£6.79	£6.15	£9.29	£8.67	£8.05	£7.42	£7.11	£6.79	£6.15				
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses/10% flats.	100	£7.50	£15.03	£13.87	£12.74	£11.63	£11.08	£10.54	£9.46	5.00	£2.50	£3.01	£2.77	£2.55	£2.33	£2.22	£2.11	£1.69	£3.01	£2.77	£2.55	£2.33	£2.22	£2.11	£1.69				
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£12.58	£11.51	£10.46	£9.42	£8.91	£8.40	£7.39	3.00	£2.50	£4.19	£3.84	£3.49	£3.14	£2.97	£2.80	£2.46	£4.19	£3.84	£3.49	£3.14	£2.97	£2.80	£2.46				
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central / Urban)	525	£17.50	£29.40	£26.80	£24.18	£21.53	£20.19	£18.85	£16.15	7.00	£2.50	£4.20	£3.83	£3.45	£3.08	£2.88	£2.69	£2.31	£4.20	£3.83	£3.45	£3.08	£2.88	£2.69	£2.31				
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	£55.74	£50.26	£44.78	£39.23	£36.44	£33.63	£28.00	9.00	£2.50	£6.19	£5.59	£4.98	£4.36	£4.05	£3.74	£3.11	£6.19	£5.59	£4.98	£4.36	£4.05	£3.74	£3.11				
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£29.43	£27.32	£25.25	£23.21	£22.20	£21.21	£19.24	10.00	£2.50	£2.84	£2.73	£2.52	£2.32	£2.22	£2.12	£1.92	£2.84	£2.73	£2.52	£2.32	£2.22	£2.12	£1.92				
20 Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,063	£63.75	£110.87	£102.29	£93.84	£85.51	£81.38	£77.29	£69.19	45.00	£2.50	£2.84	£2.73	£2.52	£2.32	£2.22	£2.12	£1.92	£110.87	£102.29	£93.84	£85.51	£81.38	£77.29	£69.19				
21 Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	2,500	£150.00	£235.74	£217.06	£198.64	£180.47	£171.49	£162.57	£144.92	100.00	£2.50	£2.36	£2.25	£2.17	£1.99	£1.80	£1.71	£1.63	£144.92	£132.57	£120.16	£107.75	£95.34	£82.93	£70.52				
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£262.50	£376.85	£346.93	£317.42	£288.32	£273.92	£259.63	£231.36	175.00	£2.50	£2.15	£1.98	£1.81	£1.65	£1.57	£1.48	£1.32	£376.85	£346.93	£317.42	£288.32	£273.92	£259.63	£231.36				
23 C2 scheme (84 ensuite spaces, 22 sqm each)	-	£0.42	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	0.56	£2.50	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86	£12.86				
24 C3 ECH scheme (60 units)	60	£0.60	£0.04	£0.31	£0.59	£0.86	£1.00	£1.13	£1.40	0.80	£2.50	£0.05	£0.39	£0.73	£1.07	£1.24	£1.41	£1.76	£0.05	£0.39	£0.73	£1.07	£1.24	£1.41	£1.76				
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	1.00	£2.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89				
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	1.00	£2.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69				
27 Class E (office) central/inner 70% plot ratio - BF	-	£2.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	1.00	£2.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01				
28 Class E (office) suburban/edge 50% plot ratio - GF	-	£2.50	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	1.00	£2.50	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01				
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	£2.50	£1.81	£1.81																									



Table 5.1.10: Value Band I: £5,100 per square metre

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m):		AH tenure		63%		12%		25%		CTL - X to run macro		(Macro 5)																							
BLV: HIGHER VALUE BROWNFIELD																				Site area		BLV per ha		Residual land values (£/m per hectare)		0% AH		10% AH		20% AH		30% AH		40% AH		45% AH		50% AH							
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area (£m)	BLV per ha (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH						
1 Central (500 dph - all flats)	500	£2.50	£21.83	£19.71	£17.60	£15.48	£14.42	£13.36	£11.24	1.00	£2.50	£21.83	£19.71	£17.60	£15.48	£14.42	£13.36	£11.24	1.00	£2.50	£21.83	£19.71	£17.60	£15.48	£14.42	£13.36	£11.24	1.00	£2.50	£21.83	£19.71	£17.60	£15.48	£14.42	£13.36	£11.24	1.00	£2.50	£21.83	£19.71	£17.60	£15.48	£14.42	£13.36	£11.24
2 Central / urban (300 dph - 100% flats)	300	£2.50	£18.47	£17.09	£15.71	£14.31	£13.61	£12.91	£11.49	1.00	£2.50	£18.47	£17.09	£15.71	£14.31	£13.61	£12.91	£11.49	1.00	£2.50	£18.47	£17.09	£15.71	£14.31	£13.61	£12.91	£11.49	1.00	£2.50	£18.47	£17.09	£15.71	£14.31	£13.61	£12.91	£11.49	1.00	£2.50	£18.47	£17.09	£15.71	£14.31	£13.61	£12.91	£11.49
3 Central / urban (200 dph - 100% flats)	200	£2.50	£11.33	£10.41	£9.48	£8.54	£8.07	£7.60	£6.65	1.00	£2.50	£11.33	£10.41	£9.48	£8.54	£8.07	£7.60	£6.65	1.00	£2.50	£11.33	£10.41	£9.48	£8.54	£8.07	£7.60	£6.65	1.00	£2.50	£11.33	£10.41	£9.48	£8.54	£8.07	£7.60	£6.65	1.00	£2.50	£11.33	£10.41	£9.48	£8.54	£8.07	£7.60	£6.65
4 Central urban (100 dph - 100% flats)	100	£2.50	£6.81	£6.25	£5.69	£5.15	£4.88	£4.60	£4.03	1.00	£2.50	£6.81	£6.25	£5.69	£5.15	£4.88	£4.60	£4.03	1.00	£2.50	£6.81	£6.25	£5.69	£5.15	£4.88	£4.60	£4.03	1.00	£2.50	£6.81	£6.25	£5.69	£5.15	£4.88	£4.60	£4.03	1.00	£2.50	£6.81	£6.25	£5.69	£5.15	£4.88	£4.60	£4.03
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£9.34	£8.67	£8.01	£7.36	£7.04	£6.72	£6.10	1.00	£2.50	£9.34	£8.67	£8.01	£7.36	£7.04	£6.72	£6.10	1.00	£2.50	£9.34	£8.67	£8.01	£7.36	£7.04	£6.72	£6.10	1.00	£2.50	£9.34	£8.67	£8.01	£7.36	£7.04	£6.72	£6.10	1.00	£2.50	£9.34	£8.67	£8.01	£7.36	£7.04	£6.72	£6.10
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£6.85	£6.43	£6.02	£5.61	£5.41	£5.21	£4.81	1.00	£2.50	£6.85	£6.43	£6.02	£5.61	£5.41	£5.21	£4.81	1.00	£2.50	£6.85	£6.43	£6.02	£5.61	£5.41	£5.21	£4.81	1.00	£2.50	£6.85	£6.43	£6.02	£5.61	£5.41	£5.21	£4.81	1.00	£2.50	£6.85	£6.43	£6.02	£5.61	£5.41	£5.21	£4.81
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats, 85% houses)	50	£2.50	£7.81	£7.24	£6.68	£6.12	£5.84	£5.57	£5.03	1.00	£2.50	£7.81	£7.24	£6.68	£6.12	£5.84	£5.57	£5.03	1.00	£2.50	£7.81	£7.24	£6.68	£6.12	£5.84	£5.57	£5.03	1.00	£2.50	£7.81	£7.24	£6.68	£6.12	£5.84	£5.57	£5.03	1.00	£2.50	£7.81	£7.24	£6.68	£6.12	£5.84	£5.57	£5.03
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£6.10	£5.57	£5.05	£4.54	£4.28	£4.03	£3.54	1.00	£2.50	£6.10	£5.57	£5.05	£4.54	£4.28	£4.03	£3.54	1.00	£2.50	£6.10	£5.57	£5.05	£4.54	£4.28	£4.03	£3.54	1.00	£2.50	£6.10	£5.57	£5.05	£4.54	£4.28	£4.03	£3.54	1.00	£2.50	£6.10	£5.57	£5.05	£4.54	£4.28	£4.03	£3.54
9 Central urban (100 dph - 100% flats)	30	£0.75	£1.91	£1.71	£1.52	£1.33	£1.24	£1.15	£0.98	0.30	£0.75	£1.91	£1.71	£1.52	£1.33	£1.24	£1.15	£0.98	0.30	£0.75	£1.91	£1.71	£1.52	£1.33	£1.24	£1.15	£0.98	0.30	£0.75	£1.91	£1.71	£1.52	£1.33	£1.24	£1.15	£0.98	0.30	£0.75	£1.91	£1.71	£1.52	£1.33	£1.24	£1.15	£0.98
10 Central/ outer central (200dph 100% Flats)	40	£0.30	£2.14	£1.93	£1.73	£1.52	£1.42	£1.31	£1.10	0.20	£0.30	£2.14	£1.93	£1.73	£1.52	£1.42	£1.31	£1.10	0.20	£0.30	£2.14	£1.93	£1.73	£1.52	£1.42	£1.31	£1.10	0.20	£0.30	£2.14	£1.93	£1.73	£1.52	£1.42	£1.31	£1.10	0.20	£0.30	£2.14	£1.93	£1.73	£1.52	£1.42	£1.31	£1.10
11 Central (300 dph - 100% flats)	53	£0.44	£1.89	£1.66	£1.43	£1.20	£1.09	£0.97	£0.74	0.18	£0.44	£1.89	£1.66	£1.43	£1.20	£1.09	£0.97	£0.74	0.18	£0.44	£1.89	£1.66	£1.43	£1.20	£1.09	£0.97	£0.74	0.18	£0.44	£1.89	£1.66	£1.43	£1.20	£1.09	£0.97	£0.74	0.18	£0.44	£1.89	£1.66	£1.43	£1.20	£1.09	£0.97	£0.74
12 Employment-led MU	145	£2.50	£19.51	£18.00	£16.98	£17.34	£16.98	£16.61	£15.86	1.00	£2.50	£19.51	£18.00	£16.98	£17.34	£16.98	£16.61	£15.86	1.00	£2.50	£19.51	£18.00	£16.98	£17.34	£16.98	£16.61	£15.86	1.00	£2.50	£19.51	£18.00	£16.98	£17.34	£16.98	£16.61	£15.86	1.00	£2.50	£19.51	£18.00	£16.98	£17.34	£16.98	£16.61	£15.86
13 Employment-led MU	160	£20.00	£69.17	£68.37	£67.56	£66.75	£66.34	£65.94	£65.11	8.00	£2.50	£11.15	£11.05	£10.95	£10.84	£10.79	£10.74	£10.64	8.00	£2.50	£11.15	£11.05	£10.95	£10.84	£10.79	£10.74	£10.64	8.00	£2.50	£11.15	£11.05	£10.95	£10.84	£10.79	£10.74	£10.64	8.00	£2.50	£11.15	£11.05	£10.95	£10.84	£10.79	£10.74	£10.64
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£22.84	£21.39	£19.93	£18.47	£17.73	£16.99	£15.50	2.00	£2.50	£11.42	£10.70	£9.97	£9.23	£8.86	£8.49	£7.75	2.00	£2.50	£11.42	£10.70	£9.97	£9.23	£8.86	£8.49	£7.75	2.00	£2.50	£11.42	£10.70	£9.97	£9.23	£8.86	£8.49	£7.75	2.00	£2.50	£11.42	£10.70	£9.97	£9.23	£8.86	£8.49	£7.75
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses/10% flats.	100	£7.50	£17.62	£16.29	£14.99	£13.71	£13.07	£12.44	£11.19	5.00	£2.50	£3.52	£3.26	£3.00	£2.74	£2.61	£2.49	£2.24	5.00	£2.50	£3.52	£3.26	£3.00	£2.74	£2.61	£2.49	£2.24	5.00	£2.50	£3.52	£3.26	£3.00	£2.74	£2.61	£2.49	£2.24	5.00	£2.50	£3.52	£3.26	£3.00	£2.74	£2.61	£2.49	£2.24
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£15.19	£13.95	£12.73	£11.52	£10.92	£10.33	£9.15	3.00	£2.50	£5.06	£4.65	£4.24	£3.84	£3.64	£3.44	£3.05	3.00	£2.50	£5.06	£4.65	£4.24	£3.84	£3.64	£3.44	£3.05	3.00	£2.50	£5.06	£4.65	£4.24	£3.84	£3.64	£3.44	£3.05	3.00	£2.50	£5.06	£4.65	£4.24	£3.84	£3.64	£3.44	£3.05
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£37.74	£34.59	£31.50	£28.48	£26.98	£25.41	£22.26	7.00	£2.50	£5.39	£4.94	£4.50	£4.07	£3.85	£3.63	£3.18	7.00	£2.50																									

The results show the following broad patterns of viability.

In the low value areas in all three UA areas (tables 5.1.2 and 5.1.3) the viability of residential development is very challenging on previously developed sites. Flatted schemes generate negative residual land values, even at zero affordable housing, due to their higher costs and less efficient net to gross ratio.

Housing schemes are more viable in the lower value band and generate residual land values exceeding benchmark land values with varying levels of affordable housing, between 30% and 50% in most cases at Value Band B. This level of affordable housing reflects the currently adopted targets in lower value areas. However, in Value Band A larger greenfield sites with 50% net to gross site areas, are less viable than other sites but can still be brought forward at lower levels of affordable housing. However, in Value Band B, these sites can deliver at least 30% affordable housing when tested against the lower greenfield BLV.

Medium values in South Gloucestershire are the lowest of the three UA areas, but despite this, the results show improvements in viability. It is important to note that the highest benchmark land value (£2,500,000 per hectare) is only likely to be relevant to sites in Bristol. Sites coming forward on greenfield sites in all three UA areas are significantly more viable at medium values, with affordable housing targets being achievable in almost all cases.

In high value areas, improvements in viability extend, with almost all relevant combinations of typology and benchmark land value showing viability at relevant levels of affordable housing. It is important to note that typology numbers 7, 8, 15, 16, 19, 20, 21 and 22 are intended to reflect developments being brought forward on greenfield sites, so lack of viability shown against the three employment land benchmarks should not be a concern.

Employment led mixed use schemes, office schemes and C2 care home schemes are all viable, regardless of area.

Student housing and extra care schemes are only viable in higher value central locations. It is possible that institutions may bring their own schemes forward in lower value areas, but would generally do so using their own land and possibly providing subsidy to address any viability gaps.

5.2 Build to rent schemes

Build to rent ('BTR') operators tend to prefer centrally located sites in City centres with good access to public transport and amenities. These sites are typically in higher value existing uses and BTR schemes are generally flatted to maximise use of the site. Typologies 1, 2, 3, 4, 14, 17 and 18 are most reflective of the types of schemes that BTR operators would bring forward. These typologies provide between 100 and 1,350 flatted units respectively.

Completed BTR schemes tend to trade at a discount of circa 12% in comparison to the prices achieved on build for sale schemes. In Bath City Centre, for example, a typical two bed rent is circa £1,600 per week, which generates a net rent of £14,400 per annum, after deducting 25% for operating costs. This generates a capital value of £320,000, assuming an investment yield of 4.25%, which equates to circa £5,200 per square metre. In this area, sales values equate to circa £5,875 per square metre (as noted in Table 4.2.1.1). We have therefore applied a 12% discount to the capital values assumed in our appraisals to reflect this difference between tenures. In addition, we have reduced the profit margin from 17.5% to 12.5% reflecting the reduced margins that BTR developers adopt.

The results of our appraisals of the typologies on a BTR basis are summarised in tables 5.2.1 to 5.2.9. These results indicate that BTR schemes will only be viable in the high value parts of Bristol and Bath, with varying levels of affordable housing.



Table 5.2.1: BTR appraisal results (Sales value area £3,200 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £3,200 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	-£19.45	-£20.25	-£21.06	-£21.87	-£22.27	-£22.67	-£23.46
2: Central / urban (300 dph - 100% flats)	300	£2.50	-£11.52	-£11.74	-£11.97	-£12.20	-£12.32	-£12.44	-£12.69
3: Central / urban (200 dph - 100% flats)	200	£2.50	-£7.91	-£8.06	-£8.21	-£8.36	-£8.44	-£8.52	-£8.69
4: Central urban (100 dph - 100% flats)	100	£2.50	-£4.57	-£4.63	-£4.70	-£4.76	-£4.80	-£4.84	-£4.91
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	-£2.85	-£2.94	-£3.03	-£3.13	-£3.16	-£3.23	-£3.34
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	-£9.57	-£9.83	-£10.09	-£10.35	-£10.46	-£10.63	-£10.91
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	-£21.21	-£21.71	-£22.22	-£22.75	-£23.00	-£23.30	-£23.66
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	-£46.47	-£47.91	-£49.35	-£50.87	-£51.53	-£52.39	-£53.95

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	-£19.45	-£20.25	-£21.06	-£21.87	-£22.27	-£22.67	-£23.46
2: Central / urban (300 dph - 100% flats)	300	£1.50	-£11.52	-£11.74	-£11.97	-£12.20	-£12.32	-£12.44	-£12.69
3: Central / urban (200 dph - 100% flats)	200	£1.50	-£7.91	-£8.06	-£8.21	-£8.36	-£8.44	-£8.52	-£8.69
4: Central urban (100 dph - 100% flats)	100	£1.50	-£4.57	-£4.63	-£4.70	-£4.76	-£4.80	-£4.84	-£4.91
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	-£2.85	-£2.94	-£3.03	-£3.13	-£3.16	-£3.23	-£3.34
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	-£9.57	-£9.83	-£10.09	-£10.35	-£10.46	-£10.63	-£10.91
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	-£21.21	-£21.71	-£22.22	-£22.75	-£23.00	-£23.30	-£23.66
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	-£46.47	-£47.91	-£49.35	-£50.87	-£51.53	-£52.39	-£53.95

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£0.75	-£19.45	-£20.25	-£21.06	-£21.87	-£22.27	-£22.67	-£23.46
2: Central / urban (300 dph - 100% flats)	300	£0.75	-£11.52	-£11.74	-£11.97	-£12.20	-£12.32	-£12.44	-£12.69
3: Central / urban (200 dph - 100% flats)	200	£0.75	-£7.91	-£8.06	-£8.21	-£8.36	-£8.44	-£8.52	-£8.69
4: Central urban (100 dph - 100% flats)	100	£0.75	-£4.57	-£4.63	-£4.70	-£4.76	-£4.80	-£4.84	-£4.91
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	-£2.85	-£2.94	-£3.03	-£3.13	-£3.16	-£3.23	-£3.34
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	-£9.57	-£9.83	-£10.09	-£10.35	-£10.46	-£10.63	-£10.91
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	-£21.21	-£21.71	-£22.22	-£22.75	-£23.00	-£23.30	-£23.66
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£6.75	-£46.47	-£47.91	-£49.35	-£50.87	-£51.53	-£52.39	-£53.95

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	-£19.45	-£20.25	-£21.06	-£21.87	-£22.27	-£22.67	-£23.48	
1.00	£2.50	-£11.52	-£11.74	-£11.97	-£12.20	-£12.32	-£12.44	-£12.69	
1.00	£2.50	-£7.91	-£8.06	-£8.21	-£8.36	-£8.44	-£8.52	-£8.69	
1.00	£2.50	-£4.57	-£4.63	-£4.70	-£4.76	-£4.80	-£4.84	-£4.91	
1.00	£2.50	-£2.85	-£2.94	-£3.03	-£3.13	-£3.16	-£3.23	-£3.34	
2.00	£2.50	-£4.78	-£4.91	-£5.04	-£5.18	-£5.25	-£5.31	-£5.45	
7.00	£2.50	-£3.03	-£3.10	-£3.17	-£3.25	-£3.29	-£3.33	-£3.41	
9.00	£2.50	-£5.16	-£5.32	-£5.49	-£5.65	-£5.74	-£5.82	-£5.95	

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	-£19.45	-£20.25	-£21.06	-£21.87	-£22.27	-£22.67	-£23.48	
1.00	£1.50	-£11.52	-£11.74	-£11.97	-£12.20	-£12.32	-£12.44	-£12.69	
1.00	£1.50	-£7.91	-£8.06	-£8.21	-£8.36	-£8.44	-£8.52	-£8.69	
1.00	£1.50	-£4.57	-£4.63	-£4.70	-£4.76	-£4.80	-£4.84	-£4.91	
1.00	£1.50	-£2.85	-£2.94	-£3.03	-£3.13	-£3.16	-£3.23	-£3.34	
2.00	£1.50	-£4.78	-£4.91	-£5.04	-£5.18	-£5.25	-£5.31	-£5.45	
7.00	£1.50	-£3.03	-£3.10	-£3.17	-£3.25	-£3.29	-£3.33	-£3.41	
9.00	£1.50	-£5.16	-£5.32	-£5.49	-£5.65	-£5.74	-£5.82	-£5.95	

Site area	BLV per ha (£m)	Residual land values (£m per hectare)						
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1.00	£0.75	-£19.45	-£20.25	-£21.06	-£21.87	-£22.27	-£22.67	-£23.48
1.00	£0.75	-£11.52	-£11.74	-£11.97	-£12.20	-£12.32	-£12.44	-£12.69
1.00	£0.75	-£7.91	-£8.06	-£8.21	-£8.36	-£8.44	-£8.52	-£8.69
1.00	£0.75	-£4.57	-£4.63	-£4.70	-£4.76	-£4.80	-£4.84	-£4.91
1.00	£0.75	-£2.85	-£2.94	-£3.03	-£3.13	-£3.16	-£3.23	-£3.34
2.00	£0.75	-£4.78	-£4.91	-£5.04	-£5.18	-£5.25	-£5.31	-£5.45
7.00	£0.75	-£3.03	-£3.10	-£3.17	-£3.25	-£3.29	-£3.33	-£3.41
9.00	£0.75	-£5.16	-£5.32	-£5.49	-£5.65	-£5.74	-£5.82	-£5.95

BLVs		BLV per ha
Higher value brownfield		£2,500,000
Medium value brownfield		£1,500,000
Lower value brownfield		£750,000
Higher value greenfield		£250,000
Lower value greenfield		£150,000

BLVs incorporate 20% premium

Table 5.2.2: BTR appraisal results (Sales value area £3,400 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £3,400 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	-£16.33	-£17.07	-£17.82	-£18.56	-£18.93	-£19.30	-£20.05
2: Central / urban (300 dph - 100% flats)	300	£2.50	-£9.32	-£9.54	-£9.77	-£9.99	-£10.11	-£10.23	-£10.47
3: Central / urban (200 dph - 100% flats)	200	£2.50	-£6.44	-£6.58	-£6.73	-£6.88	-£6.96	-£7.04	-£7.19
4: Central urban (100 dph - 100% flats)	100	£2.50	-£3.72	-£3.79	-£3.86	-£3.93	-£3.97	-£4.01	-£4.09
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	-£1.88	-£1.98	-£2.08	-£2.18	-£2.24	-£2.29	-£2.40
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	-£7.35	-£7.60	-£7.86	-£8.12	-£8.26	-£8.39	-£8.67
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	-£16.76	-£17.29	-£17.84	-£18.39	-£18.66	-£18.97	-£19.56
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	-£36.80	-£38.26	-£39.73	-£41.24	-£42.00	-£42.76	-£44.32

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	-£16.33	-£17.07	-£17.82	-£18.56	-£18.93	-£19.30	-£20.05
2: Central / urban (300 dph - 100% flats)	300	£1.50	-£9.32	-£9.54	-£9.77	-£9.99	-£10.11	-£10.23	-£10.47
3: Central / urban (200 dph - 100% flats)	200	£1.50	-£6.44	-£6.58	-£6.73	-£6.88	-£6.96	-£7.04	-£7.19
4: Central urban (100 dph - 100% flats)	100	£1.50	-£3.72	-£3.79	-£3.86	-£3.93	-£3.97	-£4.01	-£4.09
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	-£1.88	-£1.98	-£2.08	-£2.18	-£2.24	-£2.29	-£2.40
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	-£7.35	-£7.60	-£7.86	-£8.12	-£8.26	-£8.39	-£8.67
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	-£16.76	-£17.29	-£17.84	-£18.39	-£18.66	-£18.97	-£19.56
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	-£36.80	-£38.26	-£39.73	-£41.24	-£42.00	-£42.76	-£44.32

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£0.75	-£16.33	-£17.07	-£17.82	-£18.56	-£18.93	-£19.30	-£20.05
2: Central / urban (300 dph - 100% flats)	300	£0.75	-£9.32	-£9.54	-£9.77	-£9.99	-£10.11	-£10.23	-£10.47
3: Central / urban (200 dph - 100% flats)	200	£0.75	-£6.44	-£6.58	-£6.73	-£6.88	-£6.96	-£7.04	-£7.19
4: Central urban (100 dph - 100% flats)	100	£0.75	-£3.72	-£3.79	-£3.86	-£3.93	-£3.97	-£4.01	-£4.09
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	-£1.88	-£1.98	-£2.08	-£2.18	-£2.24	-£2.29	-£2.40
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	-£7.35	-£7.60	-£7.86	-£8.12	-£8.26	-£8.39	-£8.67
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	-£16.76	-£17.29	-£17.84	-£18.39	-£18.66	-£18.97	-£19.56
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£6.75	-£36.80	-£38.26	-£39.73	-£41.24	-£42.00	-£42.76	-£44.32

Site area	BLV per ha (£m)	Residual land values (£m per hectare)						
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1.00	£2.50	-£16.33	-£17.07	-£17.82	-£18.56	-£18.93	-£19.30	-£20.05
1.00	£2.50	-£9.32	-£9.54	-£9.77	-£9.99	-£10.11	-£10.23	-£10.47
1.00	£2.50	-£6.44	-£6.58	-£6.73	-£6.88	-£6.96	-£7.04	-£7.19
1.00	£2.50	-£3.72	-£3.79	-£3.86	-£3.93	-£3.97	-£4.01	-£4.09
1.00	£2.50	-£1.88	-£1.98	-£2.08	-£2.18	-£2.24	-£2.29	-£2.40
2.00	£2.50	-£3.67	-£3.80	-£3.93	-£4.06	-£4.13	-£4.20	-£4.33
7.00	£2.50	-£2.39	-£2.47	-£2.55	-£2.63	-£2.67	-£2.71	-£2.79
9.00	£2.50	-£4.09	-£4.25	-£4.41	-£4.58	-£4.67	-£4.75	-£4.92

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	-£16.33	-£17.07	-£17.82	-£18.56	-£18.93	-£19.30	-£20.05	
1.00	£1.50	-£9.32	-£9.54	-£9.77	-£9.99	-£10.11	-£10.23	-£10.47	
1.00	£1.50	-£6.44	-£6.58	-£6.73	-£6.88	-£6.96	-£7.04	-£7.15	
1.00	£1.50	-£3.72	-£3.73	-£3.68	-£3.93	-£3.97	-£4.01	-£4.09	
1.00	£1.50	-£1.88	-£1.98	-£2.08	-£2.18	-£2.24	-£2.29	-£2.30	
2.00	£1.50	-£3.67	-£3.80	-£3.93	-£4.06	-£4.13	-£4.20	-£4.33	
3.00	£1.50	-£2.39	-£2.47	-£2.55	-£2.63	-£2.67	-£2.71	-£2.79	
9.00	£1.50	-£4.09	-£4.25	-£4.41	-£4.58	-£4.67	-£4.75	-£4.94	



Table 5.2.3: BTR appraisal results (Sales value area £3,530 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £3,530 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£2.50	-£13.04	-£13.79	-£14.54	-£15.29	-£16.04	-£16.79	-£17.54
2 Central / urban (300 dph - 100% flats)	300	£2.50	-£6.64	-£6.88	-£7.13	-£7.38	-£7.63	-£7.88	-£8.13
3 Central / urban (200 dph - 100% flats)	200	£2.50	-£4.96	-£5.14	-£5.30	-£5.47	-£5.64	-£5.81	-£5.98
4 Central urban (100 dph - 100% flats)	100	£2.50	-£2.79	-£2.87	-£2.96	-£3.04	-£3.13	-£3.22	-£3.31
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	-£1.12	-£1.23	-£1.35	-£1.47	-£1.59	-£1.71	-£1.83
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	-£3.88	-£4.16	-£4.44	-£4.72	-£5.00	-£5.28	-£5.56
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£17.50	-£11.88	-£12.48	-£13.09	-£13.70	-£14.30	-£14.91	-£15.52
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	-£27.97	-£29.55	-£31.15	-£32.77	-£34.42	-£36.09	-£37.74

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£1.50	-£13.04	-£13.79	-£14.54	-£15.29	-£16.04	-£16.79	-£17.54
2 Central / urban (300 dph - 100% flats)	300	£1.50	-£6.64	-£6.88	-£7.13	-£7.38	-£7.63	-£7.88	-£8.13
3 Central / urban (200 dph - 100% flats)	200	£1.50	-£4.96	-£5.14	-£5.30	-£5.47	-£5.64	-£5.81	-£5.98
4 Central urban (100 dph - 100% flats)	100	£1.50	-£2.79	-£2.87	-£2.96	-£3.04	-£3.13	-£3.22	-£3.31
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	-£1.12	-£1.23	-£1.35	-£1.47	-£1.59	-£1.71	-£1.83
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	-£3.88	-£4.16	-£4.44	-£4.72	-£5.00	-£5.28	-£5.56
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£10.50	-£11.88	-£12.48	-£13.09	-£13.72	-£14.36	-£15.02	-£15.67
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	-£27.97	-£29.55	-£31.15	-£32.77	-£34.42	-£36.09	-£37.74

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£0.75	-£13.04	-£13.79	-£14.54	-£15.29	-£16.04	-£16.79	-£17.54
2 Central / urban (300 dph - 100% flats)	300	£0.75	-£6.64	-£6.88	-£7.13	-£7.38	-£7.63	-£7.88	-£8.13
3 Central / urban (200 dph - 100% flats)	200	£0.75	-£4.96	-£5.14	-£5.30	-£5.47	-£5.64	-£5.81	-£5.98
4 Central urban (100 dph - 100% flats)	100	£0.75	-£2.79	-£2.87	-£2.96	-£3.04	-£3.13	-£3.22	-£3.31
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	-£1.12	-£1.23	-£1.35	-£1.47	-£1.59	-£1.71	-£1.83
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	-£3.88	-£4.16	-£4.44	-£4.72	-£5.00	-£5.28	-£5.56
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£6.75	-£11.88	-£12.48	-£13.09	-£13.72	-£14.36	-£15.02	-£15.67
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£8.75	-£27.97	-£29.55	-£31.15	-£32.77	-£34.42	-£36.09	-£37.74

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	-£13.04	-£13.79	-£14.54	-£15.29	-£16.04	-£16.79	-£17.54	
1.00	£2.50	-£6.64	-£6.88	-£7.13	-£7.38	-£7.63	-£7.88	-£8.13	
1.00	£2.50	-£4.96	-£5.14	-£5.30	-£5.47	-£5.64	-£5.81	-£5.98	
1.00	£2.50	-£2.79	-£2.87	-£2.96	-£3.04	-£3.13	-£3.22	-£3.31	
1.00	£2.50	-£1.12	-£1.23	-£1.35	-£1.47	-£1.59	-£1.71	-£1.83	
2.00	£2.50	-£1.94	-£2.08	-£2.22	-£2.37	-£2.44	-£2.51	-£2.66	
7.00	£2.50	-£1.70	-£1.78	-£1.87	-£1.96	-£2.01	-£2.05	-£2.15	
9.00	£2.50	-£3.11	-£3.28	-£3.46	-£3.64	-£3.73	-£3.82	-£4.01	

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	-£13.04	-£13.79	-£14.54	-£15.29	-£16.04	-£16.79	-£17.54	
1.00	£1.50	-£6.64	-£6.88	-£7.13	-£7.38	-£7.50	-£7.63	-£7.88	
1.00	£1.50	-£4.96	-£5.14	-£5.30	-£5.47	-£5.55	-£5.64	-£5.81	
1.00	£1.50	-£2.79	-£2.87	-£2.96	-£3.04	-£3.08	-£3.13	-£3.22	
1.00	£1.50	-£1.12	-£1.23	-£1.35	-£1.47	-£1.53	-£1.59	-£1.71	
2.00	£1.50	-£1.94	-£2.08	-£2.22	-£2.37	-£2.44	-£2.51	-£2.66	
7.00	£1.50	-£1.70	-£1.78	-£1.87	-£1.96	-£2.01	-£2.05	-£2.15	
9.00	£1.50	-£3.11	-£3.28	-£3.46	-£3.64	-£3.73	-£3.82	-£4.01	

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£0.75	-£13.04	-£13.79	-£14.54	-£15.29	-£16.04	-£16.79	-£17.54	
1.00	£0.75	-£6.64	-£6.88	-£7.13	-£7.38	-£7.50	-£7.63	-£7.88	
1.00	£0.75	-£4.96	-£5.14	-£5.30	-£5.47	-£5.55	-£5.64	-£5.81	
1.00	£0.75	-£2.79	-£2.87	-£2.96	-£3.04	-£3.08	-£3.13	-£3.22	
1.00	£0.75	-£1.12	-£1.23	-£1.35	-£1.47	-£1.53	-£1.59	-£1.71	
2.00	£0.75	-£1.94	-£2.08	-£2.22	-£2.37	-£2.44	-£2.51	-£2.66	
7.00	£0.75	-£1.70	-£1.78	-£1.87	-£1.96	-£2.01	-£2.05	-£2.15	
9.00	£0.75	-£3.11	-£3.28	-£3.46	-£3.64	-£3.73	-£3.82	-£4.01	

BLVs		BLV per ha
Higher value brownfield		£2,500,000
Medium value brownfield		£1,500,000
Lower value brownfield		£750,000
Higher value greenfield		£250,000
Lower value greenfield		£150,000

BLVs incorporate 20% premium

Table 5.2.4: BTR appraisal results (Sales values area £3,750 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £3,750 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£2.50	-£10.88	-£11.49	-£12.29	-£13.09	-£13.89	-£14.69	-£15.49
2 Central / urban (300 dph - 100% flats)	300	£2.50	-£4.95	-£5.24	-£5.54	-£5.84	-£6.00	-£6.16	-£6.46
3 Central / urban (200 dph - 100% flats)	200	£2.50	-£3.83	-£4.03	-£4.23	-£4.43	-£4.53	-£4.64	-£4.85
4 Central urban (100 dph - 100% flats)	100	£2.50	-£2.12	-£2.22	-£2.33	-£2.43	-£2.49	-£2.54	-£2.66
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	-£0.32	-£0.45	-£0.59	-£0.73	-£0.80	-£0.88	-£1.03
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	-£2.26	-£2.59	-£2.93	-£3.27	-£3.45	-£3.62	-£3.90
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£17.50	-£8.36	-£9.06	-£9.79	-£10.55	-£11.32	-£11.92	-£12.73
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	-£20.41	-£22.16	-£24.02	-£25.89	-£27.79	-£29.74	-£31.74

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£1.50	-£10.88	-£11.49	-£12.29	-£13.09	-£13.89	-£14.69	-£15.49
2 Central / urban (300 dph - 100% flats)	300	£1.50	-£4.95	-£5.24	-£5.54	-£5.84	-£6.00	-£6.16	-£6.46
3 Central / urban (200 dph - 100% flats)	200	£1.50	-£3.83	-£4.03	-£4.23	-£4.43	-£4.53	-£4.64	-£4.85
4 Central urban (100 dph - 100% flats)	100	£1.50	-£2.12	-£2.22	-£2.33	-£2.43	-£2.49	-£2.54	-£2.66
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	-£0.32	-£0.45	-£0.59	-£0.73	-£0.80	-£0.88	-£1.03
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	-£2.26	-£2.59	-£2.93	-£3.27	-£3.45	-£3.62	-£3.90
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£10.50	-£8.36	-£9.06	-£9.79	-£10.55	-£11.32	-£11.92	-£12.73
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	-£20.41	-£22.16	-£24.02	-£25.89	-£27.79	-£29.74	-£31.74

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£0.75	-£10.88	-£11.49	-£12.29	-£13.09	-£13.89	-£14.69	-£15.49
2 Central / urban (300 dph - 100% flats)	300	£0.75	-£4.95	-£5.24	-£5.54	-£5.84	-£6.00	-£6.16	-£6.46
3 Central / urban (200 dph - 100% flats)	200	£0.75	-£3.83	-£4.03	-£4.23	-£4.43	-£4.53	-£4.64	-£4.85
4 Central urban (100 dph - 100% flats)	100	£0.75	-£2.12	-£2.22	-£2.33	-£2.43	-£2.49	-£2.54	-£2.66
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	-£0.32	-£0.45	-£0.59	-£0.73	-£0.80	-£0.88	-£1.03
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	-£2.26	-£2.59	-£2.93	-£3.27	-£3.45	-£3.62	-£3.90
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£6.75	-£8.36	-£9.06	-£9.79	-£10.55	-£11.32	-£11.92	-£12.73
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£8.75	-£20.41	-£22.16	-£24.02	-£25.89	-£27.79	-£29.74	-£31.74

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	-£10.88	-£11.49	-£12.29	-£13.09	-£13.89	-£14.69	-£15.49	
1.00	£2.50	-£4.95	-£5.24	-£5.54	-£5.84	-£6.00	-£6.16	-£6.46	
1.00	£2.50	-£3.83	-£4.03	-£4.23	-£4.43	-£4.53	-£4.64	-£4.85	
1.00	£2.50	-£2.12	-£2.22	-£2.33	-£2.43	-£2.49	-£2.54	-£2.66	
1.00	£2.50	-£0.32	-£0.45	-£0.59	-£0.73	-£0.80	-£0.88	-£1.03	
2.00	£2.50	-£1.13	-£1.30	-£1.46	-£1.64	-£1.72	-£1.81	-£1.99	
7.00	£2.50	-£1.19	-£1.29	-£1.40	-£1.51	-£1.56	-£1.62	-£1.73	
9.00	£2.50	-£2.27	-£2.46	-£2.67	-£2.88	-£2.98	-£3.09	-£3.30	

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	-£10.88	-£11.49	-£12.29	-£13.09	-£13.89	-£14.69	-£15.49	
1.00	£1.50	-£4.95	-£5.24	-£5.54	-£5.84	-£6.00	-£6.16	-£6.46	
1.00	£1.50	-£3.83	-£4.03	-£4.23	-£4.43	-£4.53	-£4.64	-£4.85	
1.00	£1.50	-£2.12	-£2.22	-£2.33	-£2.43	-£2.49	-£2.54	-£2.65	
1.00	£1.50	-£0.32	-£0.45	-£0.59	-£0.73	-£0.80	-£0.88	-£1.03	
2.00	£1.50	-£1.13	-£1.30	-£1.46	-£1.64	-£1.72	-£1.81	-£1.99	
3.00	£1.50	-£1.19	-£1.29	-£1.40	-£1.51	-£1.56	-£1.62	-£1.73	
9.00	£1.50	-£2.27	-£2.46	-£2.67	-£2.88	-£2.98	-£3.09	-£3.30	



Table 5.2.5: BTR appraisal results (Sales values area £4,000 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £4,000 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	-£5.52	-£6.49	-£7.46	-£8.43	-£9.40	-£9.91	-£10.36
2: Central / urban (300 dph - 100% flats)	300	£2.50	-£0.96	-£1.38	-£1.80	-£2.25	-£2.47	-£2.70	-£3.15
3: Central / urban (200 dph - 100% flats)	200	£2.50	-£1.49	-£1.77	-£2.06	-£2.36	-£2.51	-£2.66	-£2.96
4: Central urban (100 dph - 100% flats)	100	£2.50	-£0.69	-£0.84	-£1.00	-£1.16	-£1.25	-£1.33	-£1.50
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£1.00	£0.82	£0.63	£0.43	£0.35	£0.25	£0.03
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	£2.46	£2.03	£1.58	£1.09	£0.85	£0.61	£0.12
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£17.50	-£0.87	-£1.85	-£2.86	-£3.89	-£4.42	-£4.96	-£6.06
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	-£6.05	-£8.37	-£10.75	-£13.18	-£14.41	-£15.65	-£18.21

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	-£5.52	-£6.49	-£7.46	-£8.43	-£9.40	-£9.91	-£10.36
2: Central / urban (300 dph - 100% flats)	300	£1.50	-£0.96	-£1.38	-£1.80	-£2.25	-£2.47	-£2.70	-£3.15
3: Central / urban (200 dph - 100% flats)	200	£1.50	-£1.49	-£1.77	-£2.06	-£2.36	-£2.51	-£2.66	-£2.96
4: Central urban (100 dph - 100% flats)	100	£1.50	-£0.69	-£0.84	-£1.00	-£1.16	-£1.25	-£1.33	-£1.50
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£1.00	£0.82	£0.63	£0.43	£0.35	£0.25	£0.03
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£2.46	£2.03	£1.58	£1.09	£0.85	£0.61	£0.12
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£10.50	-£0.87	-£1.85	-£2.86	-£3.89	-£4.42	-£4.96	-£6.06
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	-£6.05	-£8.37	-£10.75	-£13.18	-£14.41	-£15.65	-£18.21

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£0.75	-£5.52	-£6.49	-£7.46	-£8.43	-£9.40	-£9.91	-£10.36
2: Central / urban (300 dph - 100% flats)	300	£0.75	-£0.96	-£1.38	-£1.80	-£2.25	-£2.47	-£2.70	-£3.15
3: Central / urban (200 dph - 100% flats)	200	£0.75	-£1.49	-£1.77	-£2.06	-£2.36	-£2.51	-£2.66	-£2.96
4: Central urban (100 dph - 100% flats)	100	£0.75	-£0.69	-£0.84	-£1.00	-£1.16	-£1.25	-£1.33	-£1.50
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£1.00	£0.82	£0.63	£0.43	£0.35	£0.25	£0.03
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	£2.46	£2.03	£1.58	£1.09	£0.85	£0.61	£0.12
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£5.25	-£0.87	-£1.85	-£2.86	-£3.89	-£4.42	-£4.96	-£6.06
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£6.75	-£6.05	-£8.37	-£10.75	-£13.18	-£14.41	-£15.65	-£18.21

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	-£5.52	-£6.49	-£7.46	-£8.43	-£9.40	-£9.91	-£10.36	
1.00	£2.50	-£0.96	-£1.38	-£1.80	-£2.25	-£2.47	-£2.70	-£3.15	
1.00	£2.50	-£1.49	-£1.77	-£2.06	-£2.36	-£2.51	-£2.66	-£2.96	
1.00	£2.50	-£0.69	-£0.84	-£1.00	-£1.16	-£1.25	-£1.33	-£1.50	
1.00	£2.50	£1.00	£0.82	£0.63	£0.43	£0.35	£0.25	£0.03	
2.00	£2.50	£1.24	£1.01	£0.78	£0.54	£0.43	£0.30	£0.06	
7.00	£2.50	-£0.12	-£0.26	-£0.41	-£0.56	-£0.63	-£0.71	-£0.87	
9.00	£2.50	-£0.67	-£0.93	-£1.19	-£1.46	-£1.60	-£1.74	-£2.02	

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	-£5.52	-£6.49	-£7.46	-£8.43	-£9.40	-£9.91	-£10.36	
1.00	£1.50	-£0.96	-£1.38	-£1.80	-£2.25	-£2.47	-£2.70	-£3.15	
1.00	£1.50	-£1.49	-£1.77	-£2.06	-£2.36	-£2.51	-£2.66	-£2.96	
1.00	£1.50	-£0.69	-£0.84	-£1.00	-£1.16	-£1.25	-£1.33	-£1.50	
1.00	£1.50	£1.00	£0.82	£0.63	£0.43	£0.35	£0.25	£0.03	
2.00	£1.50	£1.24	£1.01	£0.78	£0.54	£0.43	£0.30	£0.06	
7.00	£1.50	-£0.12	-£0.26	-£0.41	-£0.56	-£0.63	-£0.71	-£0.87	
9.00	£1.50	-£0.67	-£0.93	-£1.19	-£1.46	-£1.60	-£1.74	-£2.02	

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£0.75	-£5.52	-£6.49	-£7.46	-£8.43	-£9.40	-£9.91	-£10.36	
1.00	£0.75	-£0.96	-£1.38	-£1.80	-£2.25	-£2.47	-£2.70	-£3.15	
1.00	£0.75	-£1.49	-£1.77	-£2.06	-£2.36	-£2.51	-£2.66	-£2.96	
1.00	£0.75	-£0.69	-£0.84	-£1.00	-£1.16	-£1.25	-£1.33	-£1.50	
1.00	£0.75	£1.00	£0.82	£0.63	£0.43	£0.35	£0.25	£0.03	
2.00	£0.75	£1.24	£1.01	£0.78	£0.54	£0.43	£0.30	£0.06	
7.00	£0.75	-£0.12	-£0.26	-£0.41	-£0.56	-£0.63	-£0.71	-£0.87	
9.00	£0.75	-£0.67	-£0.93	-£1.19	-£1.46	-£1.60	-£1.74	-£2.02	

BLVs		BLV per ha
Higher value brownfield		£2,500,000
Medium value brownfield		£1,500,000
Lower value brownfield		£750,000
Higher value greenfield		£250,000
Lower value greenfield		£150,000

BLVs incorporate 20% premium

Table 5.2.6: BTR appraisal results (Sales values area £4,250 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £4,250 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	-£1.83	-£2.54	-£3.45	-£4.36	-£4.88	-£5.28	-£6.19
2: Central / urban (300 dph - 100% flats)	300	£2.50	£1.72	£1.30	£0.87	£0.44	£0.22	£0.00	£0.46
3: Central / urban (200 dph - 100% flats)	200	£2.50	£0.33	£0.05	-£0.24	-£0.53	-£0.68	-£0.83	-£1.14
4: Central urban (100 dph - 100% flats)	100	£2.50	£0.36	£0.20	£0.03	-£0.14	-£0.23	-£0.31	-£0.49
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£2.19	£1.99	£1.79	£1.58	£1.46	£1.37	£1.16
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	£5.18	£4.72	£4.24	£3.76	£3.52	£3.27	£2.78
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£17.50	£4.55	£3.52	£2.46	£1.38	£0.84	£0.26	£0.85
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	£5.58	£3.24	£0.86	-£1.59	-£2.83	-£4.08	-£6.81

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	-£1.83	-£2.54	-£3.45	-£4.36	-£4.88	-£5.28	-£6.19
2: Central / urban (300 dph - 100% flats)	300	£1.50	£1.72	£1.30	£0.87	£0.44	£0.22	£0.00	£0.46
3: Central / urban (200 dph - 100% flats)	200	£1.50	£0.33	£0.05	-£0.24	-£0.53	-£0.68	-£0.83	-£1.14
4: Central urban (100 dph - 100% flats)	100	£1.50	£0.36	£0.20	£0.03	-£0.14	-£0.23	-£0.31	-£0.49
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£2.19	£1.99	£1.79	£1.58	£1.46	£1.37	£1.16
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£5.18	£4.72	£4.24	£3.76	£3.52	£3.27	£2.78
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£10.50	£4.55	£3.52	£2.46	£1.38	£0.84	£0.26	£0.85
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	£5.58	£3.24	£0.86	-£1.59	-£2.83	-£4.08	-£6.81

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£0.75	-£1.83	-£2.54	-£3.45	-£4.36	-£4.88	-£5.28	-£6.19
2: Central / urban (300 dph - 100% flats)	300	£0.75	£1.72	£1.30	£0.87	£0.44	£0.22	£0.00	£0.46
3: Central / urban (200 dph - 100% flats)	200	£0.75	£0.33	£0.05	-£0.24	-£0.53	-£0.68	-£0.83	-£1.14
4: Central urban (100 dph - 100% flats)	100	£0.75	£0.36	£0.20	£0.03	-£0.14	-£0.23	-£0.31	-£0.49
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£2.19	£1.99	£1.79	£1.58	£1.46	£1.37	£1.16
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	£5.18	£4.72	£4.24	£3.76	£3.52	£3.27	£2.78
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£5.25	£4.55	£3.52	£2.46	£1.38	£0.84	£0.26	£0.85
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£6.75	£5.58	£3.24	£0.86	-£1.59	-£2.83	-£4.08	-£6.81

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	-£1.83	-£2.54	-£3.45	-£4.36	-£4.88	-£5.28	-£6.19	
1.00	£2.50	£1.72	£1.30	£0.87	£0.44	£0.22	£0.00	£0.46	
1.00	£2.50	£0.33	£0.05	-£0.24	-£0.53	-£0.68	-£0.83	-£1.14	
1.00	£2.50	£0.36	£0.20	£0.03	-£0.14	-£0.23	-£0.31	-£0.49	
1.00	£2.50	£2.19	£1.99	£1.79	£1.58	£1.46	£1.37	£1.16	
2.00	£2.50	£2.59	£2.36	£2.12	£1.88	£1.76	£1.64	£1.39	
7.00	£2.50	£0.65	£0.50	£0.35	£0.20	£0.12	£0.04	£0.12	
9.00	£2.50	£0.62	£0.36	£0.10	-£0.18	-£0.31	-£0.45	-£0.73	

Site area (£m)	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	-£1.83	-£2.54	-£3.45	-£4.36	-£4.82	-£5.28	-£6.19	
1.00	£1.50	£1.72	£1.30	£0.87	£0.44	£0.22	-£0.00	-£0.48	
1.00	£1.50	£0.33	£0.05	-£0.24	-£0.53	-£0.68	-£0.83	-£1.14	
1.00	£1.50	£0.36	£0.20	£0.03	-£0.14	-£0.23	-£0.31	-£0.45	
1.00	£1.50	£2.19	£1.99	£1.79	£1.58	£1.48	£1.37	£1.16	
2.00	£1.50	£2.59	£2.36	£2.12	£1.88	£1.76	£1.64	£1.39	
7.00	£1.50	£0.65	£0.50	£0.35	£0.20	£0.12	£0.04	-£0.12	
9.00	£1.50	£0.62	£0.36	£0.10	-£0.16	-£0.31	-£0.45	-£0.73	



Table 5.2.7: BTR appraisal results (Sales value area £4,500 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £4,500 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	£2.30	£1.45	£0.61	£0.24	£0.86	£1.09	£1.95
2: Central / urban (300 dph - 100% flats)	300	£2.50	£4.83	£4.41	£3.98	£3.55	£3.33	£3.11	£2.66
3: Central / urban (200 dph - 100% flats)	200	£2.50	£2.12	£1.84	£1.56	£1.27	£1.12	£0.97	£0.87
4: Central urban (100 dph - 100% flats)	100	£2.50	£1.50	£1.33	£1.16	£0.99	£0.90	£0.81	£0.83
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£3.23	£3.01	£2.80	£2.60	£2.49	£2.38	£2.16
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	£8.94	£8.48	£8.00	£7.52	£7.27	£7.03	£6.52
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£10.38	£9.33	£8.25	£7.15	£6.58	£6.01	£4.86
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	£16.25	£13.93	£11.58	£9.17	£7.56	£6.73	£4.23

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	£2.30	£1.45	£0.61	£0.24	£0.86	£1.09	£1.95
2: Central / urban (300 dph - 100% flats)	300	£1.50	£4.83	£4.41	£3.98	£3.55	£3.33	£3.11	£2.66
3: Central / urban (200 dph - 100% flats)	200	£1.50	£2.12	£1.84	£1.56	£1.27	£1.12	£0.97	£0.87
4: Central urban (100 dph - 100% flats)	100	£1.50	£1.50	£1.33	£1.16	£0.99	£0.90	£0.81	£0.83
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£3.23	£3.01	£2.80	£2.60	£2.49	£2.38	£2.16
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£8.94	£8.48	£8.00	£7.52	£7.27	£7.03	£6.52
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£10.38	£9.33	£8.25	£7.15	£6.58	£6.01	£4.86
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	£16.25	£13.93	£11.58	£9.17	£7.56	£6.73	£4.23

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£0.75	£2.30	£1.45	£0.61	£0.24	£0.86	£1.09	£1.95
2: Central / urban (300 dph - 100% flats)	300	£0.75	£4.83	£4.41	£3.98	£3.55	£3.33	£3.11	£2.66
3: Central / urban (200 dph - 100% flats)	200	£0.75	£2.12	£1.84	£1.56	£1.27	£1.12	£0.97	£0.87
4: Central urban (100 dph - 100% flats)	100	£0.75	£1.50	£1.33	£1.16	£0.99	£0.90	£0.81	£0.83
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£3.23	£3.01	£2.80	£2.60	£2.49	£2.38	£2.16
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	£8.94	£8.48	£8.00	£7.52	£7.27	£7.03	£6.52
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	£10.38	£9.33	£8.25	£7.15	£6.58	£6.01	£4.86
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£6.75	£16.25	£13.93	£11.58	£9.17	£7.56	£6.73	£4.23

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	£2.30	£1.45	£0.61	£0.24	£0.86	£1.09	£1.95	
1.00	£2.50	£4.83	£4.41	£3.98	£3.55	£3.33	£3.11	£2.66	
1.00	£2.50	£2.12	£1.84	£1.56	£1.27	£1.12	£0.97	£0.87	
1.00	£2.50	£1.50	£1.33	£1.16	£0.99	£0.90	£0.81	£0.83	
1.00	£2.50	£3.23	£3.01	£2.80	£2.60	£2.49	£2.38	£2.16	
2.00	£2.50	£4.47	£4.24	£4.00	£3.75	£3.64	£3.51	£3.26	
7.00	£2.50	£1.48	£1.33	£1.18	£1.02	£0.94	£0.86	£0.80	
9.00	£2.50	£1.81	£1.55	£1.29	£1.02	£0.88	£0.75	£0.47	

BLVs		BLV per ha
Higher value brownfield		£2,500,000
Medium value brownfield		£1,500,000
Lower value brownfield		£750,000
Higher value greenfield		£250,000
Lower value greenfield		£150,000

BLVs incorporate 20% premium

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	£2.30	£1.45	£0.61	£0.24	£0.86	£1.09	£1.95	
1.00	£1.50	£4.83	£4.41	£3.98	£3.55	£3.33	£3.11	£2.66	
1.00	£1.50	£2.12	£1.84	£1.56	£1.27	£1.12	£0.97	£0.87	
1.00	£1.50	£1.50	£1.33	£1.16	£0.99	£0.90	£0.81	£0.83	
1.00	£1.50	£3.23	£3.01	£2.80	£2.60	£2.49	£2.38	£2.16	
2.00	£1.50	£4.47	£4.24	£4.00	£3.76	£3.64	£3.51	£3.26	
7.00	£1.50	£1.48	£1.33	£1.18	£1.02	£0.94	£0.86	£0.80	
9.00	£1.50	£1.81	£1.55	£1.29	£1.02	£0.88	£0.75	£0.47	

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£0.75	£2.30	£1.45	£0.61	£0.24	£0.86	£1.09	£1.95	
1.00	£0.75	£4.83	£4.41	£3.98	£3.55	£3.33	£3.11	£2.66	
1.00	£0.75	£2.12	£1.84	£1.56	£1.27	£1.12	£0.97	£0.87	
1.00	£0.75	£1.50	£1.33	£1.16	£0.99	£0.90	£0.81	£0.83	
1.00	£0.75	£3.23	£3.01	£2.80	£2.60	£2.49	£2.38	£2.16	
2.00	£0.75	£4.47	£4.24	£4.00	£3.76	£3.64	£3.51	£3.26	
7.00	£0.75	£1.48	£1.33	£1.18	£1.02	£0.94	£0.86	£0.80	
9.00	£0.75	£1.81	£1.55	£1.29	£1.02	£0.88	£0.75	£0.47	

BLVs		BLV per ha
Higher value brownfield		£2,500,000
Medium value brownfield		£1,500,000
Lower value brownfield		£750,000
Higher value greenfield		£250,000
Lower value greenfield		£150,000

BLVs incorporate 20% premium

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	£6.08	£5.18	£4.28	£3.38	£2.94	£2.49	£1.99	
1.00	£2.50	£7.47	£6.98	£6.49	£5.99	£5.73	£5.47	£4.94	
1.00	£2.50	£3.91	£3.58	£3.25	£2.91	£2.74	£2.57	£2.22	
1.00	£2.50	£2.52	£2.33	£2.12	£1.92	£1.81	£1.71	£1.49	
1.00	£2.50	£4.41	£4.13	£3.86	£3.61	£3.48	£3.37	£3.14	
2.00	£2.50	£5.82	£5.55	£5.28	£5.00	£4.86	£4.71	£4.42	
7.00	£2.50	£2.25	£2.07	£1.89	£1.71	£1.61	£1.52	£1.33	
9.00	£2.50	£3.04	£2.75	£2.45	£2.15	£2.00	£1.85	£1.53	

Site area BLV per ha (£m)		Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	£6.08	£5.18	£4.28	£3.38	£2.94	£2.49	£1.99	
1.00	£1.50	£7.47	£6.98	£6.49	£5.99	£5.73	£5.47	£4.94	
1.00	£1.50	£3.91	£3.58	£3.25	£2.91	£2.74	£2.57	£2.22	
1.00	£1.50	£2.52	£2.33	£2.12	£1.92	£1.81	£1.71	£1.49	
1.00	£1.50	£4.41	£4.13	£3.86	£3.61	£3.48	£3.37	£3.14	
2.00	£1.50	£5.82	£5.55	£5.28	£5.00	£4.86	£4.71	£4.42	
7.00	£1.50	£2.25	£2.07	£1.89	£1.71	£1.61	£1.52	£1.33	
9.00	£1.50	£3.04	£2.75	£2.45	£2.15	£2.00	£1.85	£1.53	

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £4,750 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	£6.08	£5.18	£4.28	£3.38	£2.94	£2.49	£1.99
2: Central / urban (300 dph - 100% flats)	300	£2.50	£7.47	£6.98	£6.49	£5.99	£5.73	£5.47	£4.94
3: Central / urban (200 dph - 100% flats)	200	£2.50	£3.91	£3.58	£3.25	£2.91	£2.74	£2.57	£2.22
4: Central urban (100 dph - 100% flats)	100	£2.50	£2.52	£2.33	£2.12	£1.92	£1.81	£1.71	£1.49
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£4.41	£4.13	£3.86	£3.61	£3.48	£3.37	£3.14
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	£11.64	£11.10	£10.55	£10.00	£9.71	£9.42	£8.94
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£15.72	£14.49	£13.23	£11.95	£11.30	£10.65	£9.31
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	£27.40	£24.77	£22.09	£19.37	£17.59	£16.61	£13.80

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	£6.08	£5.18	£4.28	£3.38	£2.94	£2.49	£1.99
2: Central / urban (300 dph - 100% flats)	300	£1.50	£7.47	£6.98	£6.49	£5.99	£5.73	£5.47	£4.94
3: Central / urban (200 dph - 100% flats)	200	£1.50	£3.91	£3.58	£3.25	£2.91	£2.74	£2.57	£2.22
4: Central urban (100 dph - 100% flats)	100	£1.50	£2.52	£2.33	£2.12	£1.92	£1.81	£1.71	£1.49
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£4.41	£4.13	£3.86	£3.61	£3.48	£3.37	£3.14
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£11.64	£11.10	£10.55	£10.00	£9.71	£9.42	£8.94
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£15.72	£14.49	£13.23	£11.95	£11.30	£10.65	£9.31
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	£27.40	£24.77	£22.09	£19.37	£17.59	£16.61	£13.80

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)								
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£0.75	£6.08	£5.18	£4.28	£3.39	£2.94	£2.49	£1.99	
2 Central / urban (300 dph - 100% flats)	300	£0.75	£7.47	£6.98	£6.49	£5.98	£5.73	£5.47	£4.94	
3 Central / urban (200 dph - 100% flats)	200	£0.75	£3.91	£3.58	£3.25	£2.91	£2.74	£2.57	£2.22	
4 Central urban (100 dph - 100% flats)	100	£0.75	£2.52	£2.33	£2.12	£1.92	£1.81	£1.71	£1.45	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£4.41	£4.13	£3.86	£3.61	£3.48	£3.37	£3.14	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£1.50	£11.64	£11.10	£10.55	£10.00	£9.71	£9.42	£8.84	
15 Size based 2-10 ha - 75% net to gross, 100 dph)	525	£2.25	£15.72	£14.49	£13.23	£11.95	£11.30	£10.65	£9.31	
16 Size based 2-10 ha - 75% net to gross, 100 dph)	1,350	£6.75	£27.40	£24.77	£22.09	£19.37	£17.99	£16.61	£13.80	



Table 5.2.9: BTR appraisal results (Sales value area £5,100 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ psm): £5,100 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£2.50	£11.38	£10.31	£9.24	£8.16	£7.63	£7.09	£6.02
2: Central / urban (300 dph - 100% flats)	300	£2.50	£11.16	£10.51	£9.86	£9.20	£8.87	£8.53	£7.85
3: Central / urban (200 dph - 100% flats)	200	£2.50	£6.41	£5.98	£5.54	£5.10	£4.87	£4.65	£4.19
4: Central urban (100 dph - 100% flats)	100	£2.50	£3.96	£3.68	£3.41	£3.15	£3.02	£2.89	£2.61
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£6.06	£5.68	£5.31	£4.96	£4.79	£4.62	£4.29
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	£15.41	£14.70	£13.99	£13.26	£12.50	£11.78	£11.78
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£17.50	£23.12	£21.44	£19.82	£18.26	£17.49	£16.66	£14.97
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	£42.78	£39.47	£36.12	£32.72	£31.00	£29.28	£25.78

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£1.50	£11.38	£10.31	£9.24	£8.16	£7.63	£7.09	£6.02
2: Central / urban (300 dph - 100% flats)	300	£1.50	£11.16	£10.51	£9.86	£9.20	£8.87	£8.53	£7.85
3: Central / urban (200 dph - 100% flats)	200	£1.50	£6.41	£5.98	£5.54	£5.10	£4.87	£4.65	£4.19
4: Central urban (100 dph - 100% flats)	100	£1.50	£3.96	£3.68	£3.41	£3.15	£3.02	£2.89	£2.61
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£6.06	£5.68	£5.31	£4.96	£4.79	£4.62	£4.29
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£3.00	£15.41	£14.70	£13.99	£13.26	£12.50	£11.78	£11.78
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£10.50	£23.12	£21.44	£19.82	£18.26	£17.49	£16.66	£14.97
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£13.50	£42.78	£39.47	£36.12	£32.72	£31.00	£29.28	£25.78

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)							
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1: Central (500 dph - all flats)	500	£0.75	£11.38	£10.31	£9.24	£8.16	£7.63	£7.09	£6.02
2: Central / urban (300 dph - 100% flats)	300	£0.75	£11.16	£10.51	£9.86	£9.20	£8.87	£8.53	£7.85
3: Central / urban (200 dph - 100% flats)	200	£0.75	£6.41	£5.98	£5.54	£5.10	£4.87	£4.65	£4.19
4: Central urban (100 dph - 100% flats)	100	£0.75	£3.96	£3.68	£3.41	£3.15	£3.02	£2.89	£2.61
5: Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£6.06	£5.68	£5.31	£4.96	£4.79	£4.62	£4.29
14: Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	£15.41	£14.70	£13.99	£13.26	£12.50	£11.78	£11.78
17: Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£5.25	£23.12	£21.44	£19.82	£18.26	£17.49	£16.66	£14.97
18: Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£6.75	£42.78	£39.47	£36.12	£32.72	£31.00	£29.28	£25.78

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	£11.38	£10.31	£9.24	£8.16	£7.63	£7.09	£6.02	
1.00	£2.50	£11.16	£10.51	£9.86	£9.20	£8.87	£8.53	£7.85	
1.00	£2.50	£6.41	£5.98	£5.54	£5.10	£4.87	£4.65	£4.19	
1.00	£2.50	£3.96	£3.68	£3.41	£3.15	£3.02	£2.89	£2.61	
1.00	£2.50	£6.06	£5.68	£5.31	£4.96	£4.79	£4.62	£4.29	
2.00	£2.50	£7.70	£7.35	£6.99	£6.63	£6.45	£6.26	£5.88	
7.00	£2.50	£3.30	£3.06	£2.83	£2.61	£2.50	£2.38	£2.14	
9.00	£2.50	£4.75	£4.39	£4.01	£3.64	£3.44	£3.25	£2.96	

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£1.50	£11.38	£10.31	£9.24	£8.16	£7.63	£7.09	£6.02	
1.00	£1.50	£11.16	£10.51	£9.86	£9.20	£8.87	£8.53	£7.85	
1.00	£1.50	£6.41	£5.98	£5.54	£5.10	£4.87	£4.65	£4.19	
1.00	£1.50	£3.96	£3.68	£3.41	£3.15	£3.02	£2.89	£2.61	
1.00	£1.50	£6.06	£5.68	£5.31	£4.96	£4.79	£4.62	£4.29	
2.00	£1.50	£7.70	£7.35	£6.99	£6.63	£6.45	£6.26	£5.88	
7.00	£1.50	£3.30	£3.06	£2.83	£2.61	£2.50	£2.38	£2.14	
9.00	£1.50	£4.75	£4.39	£4.01	£3.64	£3.44	£3.25	£2.96	

Site area	BLV per ha (£m)	Residual land values (£m per hectare)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£0.75	£11.38	£10.31	£9.24	£8.16	£7.63	£7.09	£6.02	
1.00	£0.75	£11.16	£10.51	£9.86	£9.20	£8.87	£8.53	£7.85	
1.00	£0.75	£6.41	£5.98	£5.54	£5.10	£4.87	£4.65	£4.19	
1.00	£0.75	£3.96	£3.68	£3.41	£3.15	£3.02	£2.89	£2.61	
1.00	£0.75	£6.06	£5.68	£5.31	£4.96	£4.79	£4.62	£4.29	
2.00	£0.75	£7.70	£7.35	£6.99	£6.63	£6.45	£6.26	£5.88	
7.00	£0.75	£3.30	£3.06	£2.83	£2.61	£2.50	£2.38	£2.14	
9.00	£0.75	£4.75	£4.39	£4.01	£3.64	£3.44	£3.25	£2.96	

BLVs		BLV per ha
Higher value brownfield		£2,500,000
Medium value brownfield		£1,500,000
Lower value brownfield		£750,000
Higher value greenfield		£250,000
Lower value greenfield		£150,000

BLVs incorporate 20% premium

5.3 Indicative 'surplus' residual value available for fund strategic infrastructure

As noted in Section 4.2.11, the appraisals incorporate CIL and an additional Section 106 payment to reflect on-site mitigation that is typically resolved at development management stage. No additional contributions (i.e. beyond existing CILs and typical on-site mitigations) are included towards strategic infrastructure. While these would normally be determined at local plan stage, we have converted the 'surplus' residual land value above each of the typologies' benchmark land values. These surpluses provide an indication of the amounts that might be possible for developments to contribute towards strategic infrastructure if required depending on the level of affordable housing sought.

The actual levels of contributions will need to be considered when schemes are designed and costed in detail (as would be expected at Local Plan stage) and the policy percentage delivery of affordable housing. However, it is generally appropriate to assume that the vast majority of the costs of strategic infrastructure will be met through other sources, such as central government funding settlements and the Combined Authority Investment Fund.

The results of this analysis are shown using the same format as in tables 5.1.2 to 5.1.10. However, where the residual land value is negative, or where the residual is lower than the benchmark land value, there is clearly no capacity for additional contributions, so these cells are shown as zero. Where residuals exceed benchmark land values, the surplus is divided by the number of units in the development to show a notional per unit amount. For the commercial schemes (typologies 27 to 30), the notional surpluses are divided by gross floor area resulting in a surplus per square metre. The employment-led mixed use schemes (typologies 12 and 13) generate results which incorporate both the employment space and the residential, so these results should not be relied upon.

The results of this assessment are summarised in tables 5.3.1 to 5.3.9.

5.4 Impact of incorporating the cost of embodied carbon into the appraisals

As noted in Section 4.2.5, the main appraisals earlier in this section (at tables 5.1.2 to 5.1.10) incorporate the costs of operational carbon net zero (a 5% uplift in costs for residential and 5% uplift for non-residential). If costs are included to address both operational and embodied carbon, the additional costs increase to 15% of construction costs. The results of these additional sensitivity analyses are summarised in tables 5.4.1 to 5.4.9. These are all based on 40% affordable housing.

The impact of moving from operational only to operational and embodied carbon is significant in most cases, which is unsurprising given that the latter increases costs by an additional 10%. Where residual land values are already low, the additional cost is very often greater than the residual land value. In the short term, the cost of embodied carbon measures would therefore need to be offset against other planning requirements. Over the medium to long term, technologies are likely to adapt which will bring the costs down.



Table 5.3.1: Indicative surplus residual land value per unit – Value Band A (£3,200 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m):		AH tenure		63%		12%		25%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
BLV: HIGHER VALUE BROWNFIELD										Residual land values (£/m)										Site area		BLV per ha		Notional surplus (residual land value divided by number of units)		BLVs		BLV per ha																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Description										No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Higher value brownfield	£2,500,000	Medium value brownfield	£1,500,000	Lower value brownfield	£750,000	Higher value greenfield	£250,000	Lower value greenfield	£150,000																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
1 Central (500 dph - all flats)										500	£2.50	-£12.65	-£14.14	-£15.62	-£17.11	-£17.85	-£18.59	-£20.08	1.00	£2.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</

Table 5.3.2: Indicative surplus residual land value per unit – Value Band B (£3,400 per square metre)

Sales value (£ psm):	£3,400	AH tenure	63%	12%	25%
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BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)								
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£2.50	-£9.11	-£10.57	-£12.04	-£13.50	-£14.24	-£14.97	-£16.43	
2 Central / urban (300 dph - 100% flats)	300	£2.50	-£4.24	-£4.97	-£5.70	-£6.44	-£6.81	-£7.18	-£7.82	
3 Central / urban (200 dph - 100% flats)	200	£2.50	-£3.03	-£3.51	-£4.00	-£4.49	-£4.74	-£4.99	-£5.49	
4 Central / urban (100 dph - 100% flats)	100	£2.50	-£1.77	-£2.03	-£2.30	-£2.56	-£2.70	-£2.83	-£3.43	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£0.37	£0.07	£0.23	-£0.54	-£0.69	-£0.85	-£1.16	
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£2.50	£1.07	£0.86	£0.65	£0.44	£0.33	£0.22	£0.01	
7 Sub'n, mkt tw'n, urban ex'dn (50 dph - 15% flats,85% houses)	50	£2.50	£2.42	£2.14	£1.87	£1.59	£1.46	£1.32	£1.04	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£1.31	£1.07	£0.83	£0.60	£0.49	£0.37	£0.03	
9 Central urban (100 dph - 100% flats)	30	£0.75	-£0.40	-£0.62	-£0.70	-£0.78	-£0.82	-£0.86	-£0.94	
10 Central /outer central (200dph/100% Flats)	40	£0.50	-£0.56	-£0.67	-£0.78	-£0.89	-£0.95	-£1.00	-£1.11	
11 Central (300 dph - 100% flats)	53	£0.44	-£1.10	-£1.26	-£1.42	-£1.57	-£1.65	-£1.73	-£1.98	
12 Employment-led IUU	145	£2.50	£0.06	-£2.43	-£2.81	-£3.18	-£3.37	-£3.56	-£3.95	
13 Employment-led IUU	150	£20.00	£2.04	-£0.17	-£0.58	-£1.00	-£1.21	-£1.42	-£1.84	
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£5.00	-£2.20	-£2.97	-£3.74	-£4.52	-£4.91	-£5.30	-£6.09	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£12.50	£3.28	£2.67	£2.07	£1.48	£1.20	£0.91	£0.31	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£3.06	£2.48	£1.90	£1.31	£1.01	£0.72	£0.12	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£17.50	-£6.45	-£8.01	-£9.58	-£11.17	-£11.97	-£12.78	-£14.40	
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£22.50	-£14.50	-£18.12	-£21.80	-£25.54	-£27.42	-£29.31	-£33.11	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£8.11	£5.00	£3.92	£2.83	£2.27	£1.72	£0.60	
20 Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,063	£106.25	£22.06	£17.33	£12.58	£7.79	£5.38	£2.95	£1.95	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£52.34	£42.07	£33.71	£21.28	£16.02	£10.73	£0.05	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£83.29	£66.79	£50.12	£33.31	£24.65	£16.30	£0.00	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£1.47	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	
24 C3 ECI scheme (80 units)	80	£2.50	£3.91	£3.52	£3.13	£2.74	£2.45	£2.16	£1.38	
25 Student flat (studio, equiv to 0.5 of 1 bed flat)	365	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£2.50	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£2.50	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

LVL MEDIUM VALUE BROWNFIELD		Residual land values (£m)								
Description	No of units	BLV (£m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£150	-49.11	-41.07	-41.04	-43.50	-41.24	-41.97	-41.63	
2 Central / urban (300 dph - 100% flats)	300	£150	-44.24	-44.97	-45.70	-46.44	-46.81	-47.18	-47.92	
3 Central / urban (200 dph - 100% flats)	200	£150	-43.03	-43.51	-44.00	-44.49	-44.74	-44.99	-45.49	
4 Central / urban (100 dph - 100% flats)	100	£150	-41.77	-42.03	-42.30	-42.58	-42.70	-42.83	-43.33	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£150	40.37	40.07	40.23	40.54	40.69	40.85	41.16	
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£150	41.07	40.86	40.85	40.44	40.33	40.22	40.04	
7 Sub'n, mkt tw'n, urban ex'n (50 dph - 15% flats, 85% houses)	50	£150	42.42	42.14	42.17	41.58	41.46	41.32	41.04	
8 Rural - 40 dph - (90% Houses / 10% flats)	40	£150	41.31	41.07	40.83	40.60	40.49	40.37	40.13	
9 Central / urban (100 dph - 100% flats)	300	£150	-40.54	-40.62	-40.70	-40.78	-40.89	-40.95	-41.00	
10 Central / urban central (200dph - 100% Flats)	200	£150	-40.68	-40.67	-40.78	-40.89	-40.95	-41.00	-41.11	
11 Central (300 dph - 100% flats)	53	£026	-41.10	-41.26	-41.42	-41.57	-41.65	-41.73	-41.89	
12 Employment-led IU	145	£150	-42.08	-42.43	-42.81	-43.18	-43.37	-43.56	-43.95	
13 Employment-led IU	160	£1200	60.24	-40.17	-40.56	-41.00	-41.21	-41.42	-41.84	
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£300	-42.20	-42.97	-43.74	-44.52	-44.91	-45.30	-46.09	
15 Size based 2-10 ha - 75% net to gross, 40 dph rural assumptions 90% houses/10% flats.	100	£70	63.28	62.67	62.07	61.48	61.20	60.91	60.31	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£400	63.06	62.48	61.90	61.31	61.01	60.72	60.12	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/Urban)	525	£1050	-46.45	-48.01	-49.58	-51.17	-51.97	-52.78	-53.40	
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£1350	-414.50	-418.12	-421.80	-425.54	-427.42	-429.31	-433.11	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£150	68.11	65.00	63.92	62.83	62.27	61.72	60.69	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	1,063	£650	622.06	617.33	612.58	607.79	603.28	598.95	594.96	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	2,500	£1500	652.34	642.07	631.71	621.28	616.02	610.73	605.39	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	4,375	£28250	688.29	686.79	685.12	683.31	681.65	680.30	678.67	
C2 scheme (84 ensuite spaces, 22 sqm each)	84	£084	44.67	44.67	44.67	44.67	44.67	44.67	44.67	
C3 ECI scheme (80 units)	80	£100	43.80	43.52	43.24	42.96	42.68	42.40	42.12	
23 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	345	£1142	611.42	611.42	611.42	611.42	611.42	611.42	611.42	
24 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£150	614.85	614.85	614.85	614.85	614.85	614.85	614.85	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£150	60.20	60.20	60.20	60.20	60.20	60.20	60.20	
28 Class E (office) suburban/edge 50% plot ratio - GF	28,000	£150	60.14	60.14	60.14	60.14	60.14	60.14	60.14	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£150	61.81	61.81	61.81	61.81	61.81	61.81	61.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£150	61.29	61.29	61.29	61.29	61.29	61.29	61.29	

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)								
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	0.75	-49.11	-41.07	-412.04	-413.50	-414.24	-414.97	-416.43	
2 Central / urban (300 dph - 100% flats)	300	0.75	-44.24	-44.97	-45.70	-46.44	-46.81	-47.18	-47.92	
3 Central / urban (200 dph - 100% flats)	200	0.75	-43.03	-43.51	-44.00	-44.49	-44.74	-44.99	-45.49	
4 Central / urban (100 dph - 100% flats)	100	0.75	-41.77	-42.03	-42.30	-42.58	-42.70	-42.83	-43.18	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	0.75	0.37	0.07	0.23	-0.54	-0.69	-0.85	-1.01	
6 Sub'n & mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	0.75	0.07	0.06	0.05	0.44	0.33	0.22	0.00	
7 Sub'n, mkt tw'n, urban exdn (50 dph - 15% flats,85% houses)	50	0.75	0.42	0.24	0.17	0.59	0.48	0.32	0.04	
8 Rural - 40 dph - (90% Houses / 10% flats)	40	0.75	1.31	1.07	0.83	0.60	0.49	0.37	0.03	
9 Central / urban (100 dph - 100% flats)	30	0.23	-40.64	-40.62	-40.70	-40.78	-40.82	-40.85	-40.94	
10 Central / outer central (200dph 100% Flats)	40	0.15	-40.66	-40.67	-40.78	-40.80	-40.81	-40.82	-40.85	
11 Central (300 dph - 100% flats)	53	0.13	-41.10	-41.26	-41.42	-41.57	-41.65	-41.73	-41.89	
12 Employment-led IU	145	0.75	-42.06	-42.43	-42.81	-43.18	-43.37	-43.56	-43.95	
13 Employment-led IU	160	0.00	0.24	-0.17	-0.58	-1.00	-1.21	-1.42	-1.64	
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	1.50	-42.20	-42.97	-43.74	-44.52	-44.91	-45.30	-46.09	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	0.75	0.26	0.26	0.27	0.14	0.10	0.01	0.01	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	0.25	0.30	0.48	0.90	1.31	1.01	0.72	0.02	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	0.25	-36.45	-38.01	-39.58	-41.17	-41.97	-42.78	-43.40	
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	0.675	-414.50	-418.12	-421.80	-425.54	-427.42	-429.31	-433.11	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	0.75	0.81	0.50	0.30	0.92	0.83	0.27	0.12	
20 Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,063	0.3188	0.680	0.17	0.33	0.12	0.56	0.38	0.29	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	0.75	0.52	0.42	0.37	0.31	0.26	0.02	0.03	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	0.13125	0.890	0.686	0.50	0.33	0.24	0.06	0.07	
C2 scheme (84 ensuite spaces, 22 sqm each)	84	0.42	0.67	0.47	0.47	0.47	0.47	0.47	0.47	
C3 ECI scheme (80 units)	80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	0.75	0.11	0.42	0.72	0.94	1.14	1.14	1.14	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	0.75	0.14	0.14	0.14	0.14	0.14	0.14	0.14	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	0.75	0.20	0.20	0.20	0.20	0.20	0.20	0.20	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	0.75	0.14	0.14	0.14	0.14	0.14	0.14	0.14	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	0.75	0.15	0.15	0.15	0.15	0.15	0.15	0.15	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	0.75	0.129	0.129	0.129	0.129	0.129	0.129	0.129	

[illegible]

BLV: LOWER GREENFIELD		Residual land values (£m)								
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£0.15	-49.11	-41.07	-412.04	-413.50	-414.24	-414.97	-416.43	
2 Central/urban (300 dph - 100% flats)	300	£0.15	-64.24	-44.97	-45.70	-68.44	-68.81	-71.18	-72.92	
3 Central/urban (200 dph - 100% flats)	200	£0.15	-43.03	-43.51	-44.00	-44.49	-44.74	-44.99	-45.49	
4 Central/urban (100 dph - 100% flats)	100	£0.15	-61.77	-42.03	-42.30	-42.56	-42.70	-42.83	-43.18	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.15	£0.37	£0.07	-40.23	-40.54	-40.89	-40.85	-41.16	
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£0.15	£1.07	£0.06	£0.05	£0.44	£0.33	£0.22	£0.00	
7 Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats,85% houses)	50	£0.15	£2.42	£2.14	£1.87	£1.59	£1.48	£1.32	£1.04	
8 Rural - all dph - (90% Houses/ 10% flats)	40	£0.15	£1.31	£1.07	£0.83	£0.60	£0.49	£0.37	£0.13	
9 Central/urban (100 dph - 100% flats)	30	£0.05	-40.54	-40.82	-40.70	-40.76	-40.62	-40.66	-40.64	
10 Central/urban central (200dph 100% flats)	40	£0.03	-40.56	-40.67	-40.75	-40.80	-40.81	-40.79	-40.75	
11 Central (300 dph - 100% flats)	53	£0.03	£1.19	£1.26	£1.42	£1.57	£1.65	£1.73	£1.89	
12 Employment-led IU	145	£0.15	-42.06	-42.43	-42.81	-43.18	-43.37	-43.56	-43.95	
13 Employment-led IU	160	£0.20	£0.24	-40.17	-40.58	-41.00	-41.21	-41.42	-41.84	
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£0.30	-42.20	-42.97	-43.74	-44.52	-44.91	-45.30	-46.09	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£0.75	£3.28	£2.57	£2.77	£1.48	£1.20	£0.91	£0.31	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£0.45	£3.06	£2.48	£1.90	£1.31	£1.01	£0.72	£0.12	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£1.05	-46.45	-48.01	-49.58	-51.17	-51.97	-52.78	-54.40	
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£1.35	-61.50	-61.82	-62.10	-62.54	-62.72	-62.94	-63.11	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£1.50	£11.50	£10.00	£9.32	£2.83	£2.47	£1.72	£0.60	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£6.38	£22.06	£17.33	£12.58	£7.79	£5.38	£2.95	£1.05	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£15.00	£25.34	£42.07	£31.71	£21.28	£16.02	£10.73	£0.38	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£26.25	£68.29	£66.79	£50.12	£33.31	£24.85	£16.30	£0.49	
C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.08	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	£4.67	
C3 ECH scheme (80 units)	80	£0.12	-40.31	-40.32	-40.73	-40.94	-41.05	-41.15	-41.36	
23 Student Hsg (studio, 400 to 0.5 of 1 bed flat)	325	£0.12	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	
24 Student Hsg (cluster flats, 4 rooms per cluster, equg to 3 bed flat)	200	£0.15	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£0.15	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	£0.20	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£0.15	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	£0.14	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£0.15	£1.51	£1.51	£1.51	£1.51	£1.51	£1.51	£1.51	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£0.15	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

Site area (km)	BLV per ha	Notional surplus (residual land value divided by number of units)						
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
0.30	£2.50	0	0	0	0	0	0	0
0.20	£2.50	0	0	0	0	0	0	0
0.18	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
8.00	£2.50	0	0	0	0	0	0	0
2.00	£2.50	0	0	0	0	0	0	0
5.00	£2.50	0	0	0	0	0	0	0
3.00	£2.50	0	0	0	0	0	0	0
7.00	£2.50	0	0	0	0	0	0	0
9.00	£2.50	0	0	0	0	0	0	0
10.00	£2.50	0	0	0	0	0	0	0
42.50	£2.50	0	0	0	0	0	0	0
100.00	£2.50	0	0	0	0	0	0	0
175.00	£2.50	0	0	0	0	0	0	0
0.56	£2.50	38,980	38,980	38,980	38,980	38,980	38,980	38,980
0.80	£2.50	6	6	6	6	6	6	6
1.00	£2.50	27,444	27,444	27,444	27,444	27,444	27,444	27,444
1.00	£2.50	61,760	61,760	61,760	61,760	61,760	61,760	61,760
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0
1.00	£2.50	0	0	0	0	0	0	0

Site area (£m)	BLV per ha (£m)	Notional surplus (residual land value divided by number of units)						
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	18.331	12.581	7.404	1.098	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
0.30	£1.50	0	0	0	0	0	0	0
0.20	£1.50	0	0	0	0	0	0	0
0.18	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
8.00	£1.50	0	0	0	0	0	0	0
2.00	£1.50	0	0	0	0	0	0	0
5.00	£1.50	0	0	0	0	0	0	0
3.00	£1.50	0	0	0	0	0	0	0
7.00	£1.50	0	0	0	0	0	0	0
9.00	£1.50	0	0	0	0	0	0	0
10.00	£1.50	0	0	0	0	0	0	0
42.50	£1.50	0	0	0	0	0	0	0
100.00	£1.50	0	0	0	0	0	0	0
175.00	£1.50	0	0	0	0	0	0	0
0.56	£1.50	45.647	45.647	45.647	45.647	45.647	45.647	45.647
0.60	£1.50	45.647	45.647	45.647	45.647	45.647	45.647	45.647
1.00	£1.50	30.521	30.521	30.521	30.521	30.521	30.521	30.521
1.00	£1.50	66.760	66.760	66.760	66.760	66.760	66.760	66.760
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	0	0	0	0	0	0	0
1.00	£1.50	73	73	73	73	73	73	73
1.00	£1.50	0	0	0	0	0	0	0

Site area (km)	BLV per ha (£m)	Notional surplus (residual land value divided by number of units)					
		0% AH	10% AH	20% AH	30% AH	40% AH	50% AH
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	4.562	1.571	0	0	0	0
1.00	£0.75	33.331	27.681	22.04	16.988	14.135	11.365
1.00	£0.75	13.998	7.905	1.975	0	0	0
0.30	£0.75	0	0	0	0	0	0
0.20	£0.75	0	0	0	0	0	0
0.18	£0.75	0	0	0	0	0	0
1.00	£0.75	0	0	0	0	0	0
8.00	£0.75	0	0	0	0	0	0
2.00	£0.75	0	0	0	0	0	0
5.00	£0.75	0	0	0	0	0	0
3.00	£0.75	7.215	2.047	0	0	0	0
7.00	£0.75	0	0	0	0	0	0
9.00	£0.75	0	0	0	0	0	0
10.00	£0.75	0	0	0	0	0	0
42.50	£0.75	0	0	0	0	0	0
100.00	£0.75	0	0	0	0	0	0
175.00	£0.75	0	0	0	0	0	0
0.56	£0.75	50.647	50.647	50.647	50.647	50.647	50.647
0.80	£0.75	0	0	0	0	0	0
1.00	£0.75	32.826	32.826	32.826	32.826	32.826	32.826
1.00	£0.75	70.510	70.510	70.510	70.510	70.510	70.510
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	0	0	0	0	0	0
1.00	£0.75	252	252	252	252	252	252
1.00	£0.75	180	180	180	180	180	180

Site area	BLV per ha (£m)	Notional surplus (residual land value divided by number of units)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	1,167	0	0	0	0	0	0	
1.00	£0.25	11,705	8,714	5,597	2,862	1,139	0	0	
1.00	£0.25	43,311	37,881	32,404	26,988	24,135	21,365	15,724	
1.00	£0.25	26,490	20,495	14,475	8,707	5,893	3,070	0	
0.30	£0.25	0	0	0	0	0	0	0	
0.20	£0.25	0	0	0	0	0	0	0	
0.18	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	0	0	0	0	0	0	0	
8.00	£0.25	0	0	0	0	0	0	0	
2.00	£0.25	0	0	0	0	0	0	0	
5.00	£0.25	20,336	14,168	8,164	2,325	0	0	0	
3.00	£0.25	28,549	15,380	10,186	4,967	2,348	0	0	
7.00	£0.25	0	0	0	0	0	0	0	
9.00	£0.25	0	0	0	0	0	0	0	
10.00	£0.25	18,030	12,491	7,092	1,030	0	0	0	
42.50	£0.25	10,766	6,314	1,840	0	0	0	0	
100.00	£0.25	10,938	6,829	2,685	0	0	0	0	
175.00	£0.25	9,037	5,286	1,457	0	0	0	0	
0.56	£0.25	53,988	53,988	53,988	53,988	53,988	53,988	53,988	
0.60	£0.25	53,988	53,988	53,988	53,988	53,988	53,988	53,988	
1.00	£0.25	34,367	34,367	34,367	34,367	34,367	34,367	34,367	
1.00	£0.25	73,010	73,010	73,010	73,010	73,010	73,010	73,010	
1.00	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	0	0	0	0	0	0	0	
1.00	£0.25	371	371	371	371	371	371	371	
1.00	£0.25	347	347	347	347	347	347	347	

[illegible]

BLVs	BLV per ha
Higher value brownfield	£2,500,000
Medium value brownfield	£1,500,000
Lower value brownfield	£750,000
Higher value greenfield	£250,000
Lower value greenfield	£150,000

BLVs incorporate 20% premium

Key	
Viable result:	EX XX
Unviable result:	EX XX
Unviable, but within 10% of BLV:	EX XX

Table 5.3.3: Indicative surplus residual land value per unit – Value Band C (£3,530 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£/psm): £3,530 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)							
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£2.50	-£5.54	-£7.04	-£8.54	-£10.04	-£10.79	-£11.54	-£13.03	
2 Central / urban (300 dph - 100% flats)	300	£2.50	-£1.36	-£2.13	-£2.90	-£3.68	-£4.07	-£4.47	-£5.25	
3 Central / urban (200 dph - 100% flats)	200	£2.50	-£1.43	-£1.95	-£2.47	-£2.99	-£3.25	-£3.51	-£4.04	
4 Central urban (100 dph - 100% flats)	100	£2.50	-£0.76	-£1.05	-£1.33	-£1.62	-£1.76	-£1.91	-£2.20	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£1.20	£0.88	£0.56	£0.24	£0.07	-£0.09	-£0.42	
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£2.50	£1.54	£1.32	£1.10	£0.87	£0.76	£0.65	£0.42	
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£2.50	£2.95	£2.38	£2.28	£1.99	£1.85	£1.70	£1.41	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£1.70	£1.43	£1.18	£0.93	£0.80	£0.68	£0.45	
9 Central urban (100 dph - 100% flats)	30	£0.75	-£0.34	-£0.42	-£0.51	-£0.60	-£0.64	-£0.69	-£0.78	
10 Central/ outer central (200dph 100% Flats)	40	£0.50	-£0.34	-£0.46	-£0.57	-£0.69	-£0.75	-£0.80	-£0.92	
11 Central (300 dph - 100% flats)	53	£0.44	-£0.66	-£1.02	-£1.16	-£1.34	-£1.42	-£1.50	-£1.66	
12 Employment-led MIU	145	£2.50	£2.94	£2.55	£2.16	£1.77	£1.58	£1.38	£0.98	
13 Employment-led MIU	160	£20.00	£28.26	£27.92	£27.37	£26.92	£26.70	£26.47	£26.02	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£5.00	£1.44	£0.64	-£0.17	-£0.99	-£1.40	-£1.82	-£2.65	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£12.50	£5.02	£4.35	£3.70	£3.07	£2.76	£2.45	£1.85	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£4.05	£3.44	£2.82	£2.21	£1.90	£1.59	£0.97	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£1.23	-£2.87	-£4.53	-£6.22	-£7.08	-£7.93	-£9.66	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	£5.02	-£8.79	-£12.63	-£16.51	-£18.46	-£20.45	-£24.46	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£9.84	£8.64	£7.47	£6.32	£5.76	£5.21	£4.04	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£33.60	£28.67	£23.71	£18.72	£16.22	£13.70	£8.64	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£76.31	£65.56	£54.77	£43.93	£38.48	£33.00	£22.00	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£122.02	£104.80	£87.52	£70.09	£61.35	£52.56	£34.90	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£1.40	£5.48	£5.48	£5.48	£5.48	£5.48	£5.48	£5.48	
24 C3 ECH scheme (60 units)	60	£2.00	-£2.96	-£3.16	-£3.39	-£3.61	-£3.71	-£3.82	-£4.03	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£1.50	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£1.50	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

BLV: MEDIUM VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)							
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£1.50	-£5.54	-£7.04	-£8.54	-£10.04	-£10.79	-£11.54	-£13.03	
2 Central / urban (300 dph - 100% flats)	300	£1.50	-£1.36	-£2.13	-£2.90	-£3.68	-£4.07	-£4.47	-£5.25	
3 Central / urban (200 dph - 100% flats)	200	£1.50	-£1.43	-£1.95	-£2.47	-£2.99	-£3.25	-£3.51	-£4.04	
4 Central urban (100 dph - 100% flats)	100	£1.50	-£0.76	-£1.05	-£1.33	-£1.62	-£1.76	-£1.91	-£2.20	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£1.20	£0.88	£0.56	£0.24	£0.07	-£0.09	-£0.42	
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£1.50	£1.54	£1.32	£1.10	£0.87	£0.76	£0.65	£0.42	
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£1.50	£2.85	£2.56	£2.28	£1.99	£1.85	£1.70	£1.41	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£1.70	£1.43	£1.18	£0.93	£0.80	£0.68	£0.45	
9 Central urban (100 dph - 100% flats)	30	£0.45	-£0.34	-£0.42	-£0.51	-£0.60	-£0.64	-£0.69	-£0.78	
10 Central/ outer central (200dph 100% Flats)	40	£0.30	-£0.34	-£0.46	-£0.57	-£0.69	-£0.75	-£0.80	-£0.92	
11 Central (300 dph - 100% flats)	53	£0.26	-£0.66	-£1.02	-£1.16	-£1.34	-£1.42	-£1.50	-£1.66	
12 Employment-led MIU	145	£1.50	£2.94	£2.55	£2.16	£1.77	£1.58	£1.38	£0.98	
13 Employment-led MIU	160	£12.00	£28.26	£27.92	£27.37	£26.92	£26.70	£26.47	£26.02	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£3.00	£1.44	£0.64	-£0.17	-£0.99	-£1.40	-£1.82	-£2.65	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£7.50	£5.02	£4.35	£3.70	£3.07	£2.76	£2.45	£1.85	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£4.05	£3.44	£2.82	£2.21	£1.90	£1.59	£0.97	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£1.23	-£2.87	-£4.53	-£6.22	-£7.08	-£7.93	-£9.66	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£13.50	£5.02	-£8.79	-£12.63	-£16.51	-£18.46	-£20.45	-£24.46	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£15.00	£9.84	£8.64	£7.47	£6.32	£5.76	£5.21	£4.04	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.75	£33.60	£28.67	£23.71	£18.72	£16.22	£13.70	£8.64	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£150.00	£76.31	£65.56	£54.77	£43.93	£38.48	£33.00	£22.00	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£262.50	£122.02	£104.80	£87.52	£70.09	£61.35	£52.56	£34.90	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£5.48	£5.48	£5.48	£5.48	£5.48	£5.48	£5.48	
24 C3 ECH scheme (60 units)	60	£1.20	-£2.96	-£3.16	-£3.39	-£3.61	-£3.71	-£3.82	-£4.03	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£1.50	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£1.50	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£1.50	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£1.50	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£1.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£1.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

BLV: LOWER VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)							
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£0.75	-£5.54	-£7.04	-£8.54	-£10.04	-£10.79	-£11.54	-£13.03	
2 Central / urban (300 dph - 100% flats)	300	£0.75	-£1.36	-£2.13	-£2.90	-£3.68	-£4.07	-£4.47	-£5.25	
3 Central / urban (200 dph - 100% flats)	200	£0.75	-£1.43	-£1.95	-£2.47	-£2.99	-£3.25	-£3.51	-£4.04	
4 Central urban (100 dph - 100% flats)	100	£0.75	-£0.76	-£1.05	-£1.33	-£1.62	-£1.76	-£1.91	-£2.20	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£1.20	£0.88	£0.56	£0.24	£0.07	-£0.09	-£0.42	
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£0.75	£1.54	£1.32	£1.10	£0.87	£0.76	£0.65	£0.42	
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£0.75	£2.85	£2.56	£2.28	£1.99	£1.85	£1.70	£1.41	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£0.75	£1.70	£1.43	£1.18	£0.93	£0.80	£0.68	£0.45	
9 Central urban (100 dph - 100% flats)	30	£0.23	-£0.34	-£0.42	-£0.51	-£0.60	-£0.64	-£0.69	-£0.78	
10 Central/ outer central (200dph 100% Flats)	40	£0.15	-£0.34	-£0.46	-£0.57	-£0.69	-£0.75	-£0.80	-£0.92	
11 Central (300 dph - 100% flats)	53	£0.13	-£0.66	-£1.02	-£1.16	-£1.34	-£1.42	-£1.50	-£1.66	
12 Employment-led MIU	145	£0.75	£2.94	£2.55	£2.16	£1.77	£1.58	£1.38	£0.98	
13 Employment-led MIU	160	£2.00	£28.26	£27.92	£27.37	£26.92	£26.70	£26.47	£26.02	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£1.50	£1.44	£0.64	-£0.17	-£0.99	-£1.40	-£1.82	-£2.65	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£3.75	£5.02	£4.35	£3.70	£3.07	£2.76	£2.45	£1.85	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£2.25	£4.05	£3.44	£2.82	£2.21	£1.90	£1.59	£0.97	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	£1.23	-£2.87	-£4.53	-£6.22	-£7.08	-£7.93	-£9.66	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£6.75	£5.02	-£8.79	-£12.63	-£16.51	-£18.46	-£20.45	-£24.46	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£7.50	£9.84	£8.64	£7.47	£6.32	£5.76	£5.21	£4.04	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£31.88	£33.60	£28.67	£23.71	£18.72	£16.22	£13.70	£8.64	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£75.00	£76.31	£65.56	£54.77	£43.93	£38.48	£33.00	£22.00	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£131.25	£122.02	£104.80	£87.52	£70.09	£61.35	£52.56	£34.90	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£5.48	£5.48	£5.48	£5.48	£5.48	£5.48	£5.48	
24 C3 ECH scheme (60 units)	60	£0.60	-£2.96	-£3.16	-£3.39	-£3.61	-£3.71	-£3.82	-£4.03	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£0.75	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	£11.42	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£0.75	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	£14.85	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£0.75	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£0.75	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£0.75	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£0.75	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

BLV: HIGHER GREENFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m
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Table 5.3.4: Indicative surplus residual land value per unit – Value Band D (£3,750 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ ps/m): £3,750 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD		Residual land values (£m)									
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH		
1 Central (500 dph - all flats)	500	£2.50	-£2.72	-£4.32	-£5.92	-£7.51	-£8.31	-£9.11	-£10.71		
2 Central / urban (300 dph - 100% flats)	300	£2.50	£0.61	-£0.22	-£1.06	-£1.92	-£2.35	-£2.79	-£3.67		
3 Central / urban (200 dph - 100% flats)	200	£2.50	-£0.08	-£0.64	-£1.22	-£1.80	-£2.09	-£2.38	-£2.97		
4 Central urban (100 dph - 100% flats)	100	£2.50	£0.03	-£0.26	-£0.60	-£0.92	-£1.09	-£1.25	-£1.58		
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£2.12	£1.78	£1.42	£1.07	£0.88	£0.70	£0.34		
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£2.50	£2.16	£1.92	£1.68	£1.44	£1.32	£1.26	£0.95		
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£2.50	£3.45	£3.12	£2.81	£2.49	£2.34	£2.18	£1.88		
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£2.23	£1.93	£1.64	£1.35	£1.21	£1.07	£0.80		
9 Central urban (100 dph - 100% flats)	30	£0.75	-£0.08	-£0.17	-£0.27	-£0.37	-£0.42	-£0.48	-£0.58		
10 Central/ outer central (200dph 100% Flats)	40	£0.50	-£0.05	-£0.18	-£0.31	-£0.44	-£0.50	-£0.57	-£0.70		
11 Central (300 dph - 100% flats)	53	£0.44	-£0.55	-£0.72	-£0.89	-£1.06	-£1.14	-£1.23	-£1.40		
12 Employment-led MIU	145	£2.50	£3.92	£3.50	£3.07	£2.64	£2.42	£2.20	£1.76		
13 Employment-led MIU	160	£20.00	£29.21	£28.73	£28.23	£27.74	£27.49	£27.24	£26.73		
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£5.00	£3.34	£2.46	£1.58	£0.69	£0.24	-£0.22	-£1.15		
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£12.50	£6.38	£5.62	£4.86	£4.15	£3.80	£3.44	£2.75		
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£5.39	£4.70	£4.02	£3.34	£3.01	£2.68	£2.03		
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£2.88	£1.07	-£0.75	-£2.61	-£3.55	-£4.50	-£6.43		
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	£3.68	-£0.39	-£4.54	-£8.73	-£10.87	-£13.02	-£17.37		
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£12.34	£10.97	£9.63	£8.32	£7.68	£7.04	£5.79		
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£44.70	£39.17	£33.73	£28.38	£25.74	£23.03	£17.53		
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£99.22	£87.03	£75.04	£63.25	£57.43	£51.65	£40.11		
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£158.70	£139.16	£119.94	£101.05	£91.73	£82.49	£63.98		
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£1.40	£5.34	£5.34	£5.34	£5.34	£5.34	£5.34	£5.34		
24 C3 ECH scheme (60 units)	60	£2.00	-£2.55	-£2.76	-£3.00	-£3.23	-£3.34	-£3.46	-£3.68		
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16		
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27		
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£2.50	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32		
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£2.50	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23		
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81		
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29		

BLV: MEDIUM VALUE BROWNFIELD		Residual land values (£m)									
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH		
1 Central (500 dph - all flats)	500	£1.50	-£2.72	-£4.32	-£5.92	-£7.51	-£8.31	-£9.11	-£10.71		
2 Central / urban (300 dph - 100% flats)	300	£1.50	£0.61	-£0.22	-£1.06	-£1.92	-£2.35	-£2.79	-£3.67		
3 Central / urban (200 dph - 100% flats)	200	£1.50	-£0.08	-£0.64	-£1.22	-£1.80	-£2.09	-£2.38	-£2.97		
4 Central urban (100 dph - 100% flats)	100	£1.50	£0.03	-£0.26	-£0.60	-£0.92	-£1.09	-£1.25	-£1.58		
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£2.12	£1.78	£1.42	£1.07	£0.88	£0.70	£0.34		
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£1.50	£2.16	£1.92	£1.68	£1.44	£1.32	£1.26	£0.95		
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£1.50	£3.45	£3.12	£2.81	£2.49	£2.34	£2.18	£1.88		
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£2.23	£1.93	£1.64	£1.35	£1.21	£1.07	£0.80		
9 Central urban (100 dph - 100% flats)	30	£0.45	-£0.08	-£0.17	-£0.27	-£0.37	-£0.42	-£0.48	-£0.58		
10 Central/ outer central (200dph 100% Flats)	40	£0.30	-£0.05	-£0.18	-£0.31	-£0.44	-£0.50	-£0.57	-£0.70		
11 Central (300 dph - 100% flats)	53	£0.26	-£0.55	-£0.72	-£0.89	-£1.06	-£1.14	-£1.23	-£1.40		
12 Employment-led MIU	145	£1.50	£3.92	£3.50	£3.07	£2.64	£2.42	£2.20	£1.76		
13 Employment-led MIU	160	£12.00	£29.21	£28.73	£28.23	£27.74	£27.49	£27.24	£26.73		
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£3.00	£3.34	£2.46	£1.58	£0.69	£0.24	-£0.22	-£1.15		
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£7.50	£6.38	£5.62	£4.86	£4.15	£3.80	£3.44	£2.75		
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£5.39	£4.70	£4.02	£3.34	£3.01	£2.68	£2.03		
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£2.88	£1.07	-£0.75	-£2.61	-£3.55	-£4.50	-£6.43		
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£13.50	£3.68	-£0.39	-£4.54	-£8.73	-£10.87	-£13.02	-£17.37		
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£15.00	£12.34	£10.97	£9.63	£8.32	£7.68	£7.04	£5.79		
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.75	£44.70	£39.17	£33.73	£28.38	£25.74	£23.03	£17.53		
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£150.00	£99.22	£87.03	£75.04	£63.25	£57.43	£51.65	£40.11		
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£262.50	£158.70	£139.16	£119.94	£101.05	£91.73	£82.49	£63.98		
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£5.34	£5.34	£5.34	£5.34	£5.34	£5.34	£5.34		
24 C3 ECH scheme (60 units)	60	£1.20	-£2.55	-£2.76	-£3.00	-£3.23	-£3.34	-£3.46	-£3.68		
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£1.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16		
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£1.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27		
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£1.50	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32		
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£1.50	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23		
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£1.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81		
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£1.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29		

BLV: LOWER VALUE BROWNFIELD		Residual land values (£m)									
Description	No of units	BLV (£ m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH		
1 Central (500 dph - all flats)	500	0.75	-£2.72	-£4.32	-£5.92	-£7.51	-£8.31	-£9.11	-£10.71		
2 Central / urban (300 dph - 100% flats)	300	0.75	£0.61	-£0.22	-£1.06	-£1.92	-£2.35	-£2.79	-£3.67		
3 Central / urban (200 dph - 100% flats)	200	0.75	-£0.08	-£0.64	-£1.22	-£1.80	-£2.09	-£2.38	-£2.97		
4 Central urban (100 dph - 100% flats)	100	0.75	£0.03	-£0.26	-£0.60	-£0.92	-£1.09	-£1.25	-£1.58		
5 Inner urban (100 dph - 75% flats, 25% houses)	100	0.75	£2.12	£1.78	£1.42	£1.07	£0.88	£0.70	£0.34		
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	0.75	£2.16	£1.92	£1.68	£1.44	£1.32	£1.20	£0.95		
7 Sub'n, mkt twin, urban extn (50 dph - 15% flats,85% houses)	50	0.75	£3.45	£3.12	£2.81	£2.49	£2.34	£2.18	£1.88		
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	0.75	£2.23	£1.93	£1.64	£1.35	£1.21	£1.07	£0.80		
9 Central urban (100 dph - 100% flats)	30	0.23	-£0.08	-£0.17	-£0.27	-£0.37	-£0.42	-£0.48	-£0.58		
10 Central/ outer central (200dph 100% Flats)	40	0.15	-£0.05	-£0.18	-£0.31	-£0.44	-£0.50	-£0.57	-£0.70		
11 Central (300 dph - 100% flats)	53	0.13	-£0.55	-£0.72	-£0.89	-£1.06	-£1.14	-£1.23	-£1.40		
12 Employment-led MIU	145	0.75	£3.92	£3.50	£3.07	£2.64	£2.42	£2.20	£1.76		
13 Employment-led MIU	160	6.00	£29.21	£28.73	£28.23	£27.74	£27.49	£27.24	£26.73		
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£1.50	£3.34	£2.46	£1.58	£0.69	£0.24	-£0.22	-£1.15		
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£3.75	£6.38	£5.62	£4.86	£4.15	£3.80	£3.44	£2.75		
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£2.25	£5.39	£4.70	£4.02	£3.34	£3.01	£2.68	£2.03		
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	£2.88	£1.07	-£0.75	-£2.61	-£3.55	-£4.50	-£6.43		
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£6.75	£3.68	-£0.39	-£4.54	-£8.73	-£10.87	-£13.02	-£17.37		
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£7.50	£12.34	£10.97	£9.63	£8.32	£7.68	£7.04	£5.79		
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£31.00	£44.70	£39.17	£33.73	£28.38	£25.74	£23.03	£17.53		
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£75.00	£99.22	£87.03	£75.04	£63.25	£57.43	£51.65	£40.11		
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£131.25	£158.70	£139.16	£119.94	£101.05	£91.73	£82.49	£63.98		
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£5.34	£5.34	£5.34	£5.34	£5.34	£5.34	£5.34		
24 C3 ECH scheme (60 units)	60	£0.60	-£2.55	-£2.76	-£3.00	-£3.23	-£3.34	-£3.46	-£3.68		
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	0.75	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16		
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	0.75	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27		
27 Class E (office) central/inner 70% plot ratio - BF	28,000	0.75	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32	£7.32		
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	0.75	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23	£5.23		
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	0.75	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81		
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	0.75	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29		

Table 5.3.5: Indicative surplus residual land value per unit – Value Band E (£4,000 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ ps/m): £4,000 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)							
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£2.50	£2.87	£1.11	<0.67	<2.48	<3.39	<4.30	<6.11	
2 Central / urban (300 dph - 100% flats)	300	£2.50	£4.87	£3.87	£2.87	£1.88	£1.35	£0.84	<0.18	
3 Central / urban (200 dph - 100% flats)	200	£2.50	£2.45	£1.78	£1.11	£0.43	£0.09	<0.25	<0.96	
4 Central urban (100 dph - 100% flats)	100	£2.50	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	<0.35	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.48	
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£2.50	£3.96	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£2.50	£4.29	£3.90	£3.52	£3.15	£2.96	£2.78	£2.42	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£2.97	£2.62	£2.27	£1.93	£1.76	£1.60	£1.27	
9 Central urban (100 dph - 100% flats)	30	£0.75	£0.31	£0.19	£0.07	<0.06	<0.12	<0.18	<0.31	
10 Central/ outer central (200dph 100% Flats)	40	£0.50	£0.37	£0.22	£0.07	<0.08	<0.16	<0.23	<0.39	
11 Central (300 dph - 100% flats)	53	£0.44	<0.07	<0.26	<0.46	<0.65	<0.75	<0.85	<1.04	
12 Employment-led MIU	145	£2.50	£9.55	£9.04	£8.52	£8.00	£7.74	£7.48	£6.95	
13 Employment-led MIU	160	£20.00	£57.67	£57.09	£56.51	£55.92	£55.62	£55.33	£54.73	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£5.00	£8.37	£7.33	£6.27	£5.21	£4.68	£4.14	£3.08	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£12.50	£9.03	£8.13	£7.24	£6.38	£5.95	£5.53	£4.70	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£7.27	£6.44	£5.62	£4.82	£4.42	£4.03	£3.25	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£10.89	£8.78	£6.81	£4.41	£3.31	£2.19	<0.05	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	£18.94	£14.25	£9.52	£4.71	£2.28	<0.19	<5.22	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£17.75	£16.12	£14.53	£12.96	£12.19	£11.42	£9.91	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£63.62	£57.01	£50.50	£44.08	£40.91	£37.76	£31.55	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£138.39	£123.90	£109.61	£95.54	£88.59	£81.69	£68.05	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£221.35	£198.13	£175.25	£152.71	£141.57	£130.51	£108.65	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£1.04	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	
24 C3 ECH scheme (60 units)	60	£2.00	<£1.88	<£2.14	<£2.40	<£2.66	<£2.79	<£2.92	<£3.18	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£2.50	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£2.50	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

BLV: MEDIUM VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)							
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£1.50	£2.87	£1.11	<0.67	<2.48	<3.39	<4.30	<6.11	
2 Central / urban (300 dph - 100% flats)	300	£1.50	£4.87	£3.87	£2.87	£1.88	£1.35	£0.84	<0.18	
3 Central / urban (200 dph - 100% flats)	200	£1.50	£2.45	£1.78	£1.11	£0.43	£0.09	<0.25	<0.96	
4 Central urban (100 dph - 100% flats)	100	£1.50	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	<0.35	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.48	
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£1.50	£3.96	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£1.50	£4.29	£3.90	£3.52	£3.15	£2.96	£2.78	£2.42	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£2.97	£2.62	£2.27	£1.93	£1.76	£1.60	£1.27	
9 Central urban (100 dph - 100% flats)	30	£0.45	£0.31	£0.19	£0.07	<0.06	<0.12	<0.18	<0.31	
10 Central/ outer central (200dph 100% Flats)	40	£0.30	£0.37	£0.22	£0.07	<0.08	<0.16	<0.23	<0.39	
11 Central (300 dph - 100% flats)	53	£0.26	<0.07	<0.26	<0.46	<0.65	<0.75	<0.85	<1.04	
12 Employment-led MIU	145	£1.50	£9.55	£9.04	£8.52	£8.00	£7.74	£7.48	£6.95	
13 Employment-led MIU	160	£12.00	£57.67	£57.09	£56.51	£55.92	£55.62	£55.33	£54.73	
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£3.00	£8.37	£7.33	£6.27	£5.21	£4.68	£4.14	£3.08	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£7.50	£9.03	£8.13	£7.24	£6.38	£5.95	£5.53	£4.70	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£7.27	£6.44	£5.62	£4.82	£4.42	£4.03	£3.25	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£10.50	£10.89	£8.78	£6.81	£4.41	£3.31	£2.19	<0.05	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£13.50	£18.94	£14.25	£9.52	£4.71	£2.28	<0.19	<5.22	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£15.00	£17.75	£16.12	£14.53	£12.96	£12.19	£11.42	£9.91	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.75	£63.62	£57.01	£50.50	£44.08	£40.91	£37.76	£31.55	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£150.00	£138.39	£123.90	£109.61	£95.54	£88.59	£81.69	£68.05	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£262.50	£221.35	£198.13	£175.25	£152.71	£141.57	£130.51	£108.65	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	
24 C3 ECH scheme (60 units)	60	£1.20	<£1.88	<£2.14	<£2.40	<£2.66	<£2.79	<£2.92	<£3.18	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£1.50	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£1.50	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£1.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£1.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

BLV: LOWER VALUE BROWNFIELD

BLV: LOWER VALUE BROWNFIELD			Residual land values (£m)							
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1 Central (500 dph - all flats)	500	£0.75	£2.87	£1.11	<0.67	<2.48	<3.39	<4.30	<6.11	
2 Central / urban (300 dph - 100% flats)	300	£0.75	£4.87	£3.87	£2.87	£1.88	£1.35	£0.84	<0.18	
3 Central / urban (200 dph - 100% flats)	200	£0.75	£2.45	£1.78	£1.11	£0.43	£0.09	<0.25	<0.96	
4 Central urban (100 dph - 100% flats)	100	£0.75	£1.59	£1.21	£0.83	£0.44	£0.24	£0.05	<0.35	
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£3.59	£3.17	£2.75	£2.32	£2.11	£1.89	£1.48	
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£0.75	£3.96	£2.78	£2.50	£2.22	£2.08	£1.93	£1.65	
7 Sub'n, mkt twin, urban ex'n (50 dph - 15% flats, 85% houses)	50	£0.75	£4.29	£3.90	£3.52	£3.15	£2.96	£2.78	£2.42	
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£0.75	£2.97	£2.62	£2.27	£1.93	£1.76	£1.60	£1.27	
9 Central urban (100 dph - 100% flats)	30	£0.23	£0.31	£0.19	£0.07	<0.06	<0.12	<0.18	<0.31	
10 Central/ outer central (200dph 100% Flats)	40	£0.15	£0.37	£0.22	£0.07	<0.08	<0.16	<0.23	<0.39	
11 Central (300 dph - 100% flats)	53	£0.13	<0.07	<0.26	<0.46	<0.65	<0.75	<0.85	<1.04	
12 Employment-led MIU	145	£0.75	£9.55	£9.04	£8.52	£8.00	£7.74	£7.48	£6.95	
13 Employment-led MIU	160	£6.00	£57.67	£57.09	£56.51	£55.92	£55.62	£55.33	£54.73	
14 Size based 2-10 ha - 75% net to gross, 200 dph	300	£1.50	£8.37	£7.33	£6.27	£5.21	£4.68	£4.14	£3.08	
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£3.75	£9.03	£8.13	£7.24	£6.38	£5.95	£5.53	£4.70	
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£2.25	£7.27	£6.44	£5.62	£4.82	£4.42	£4.03	£3.25	
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	£10.89	£8.78	£6.81	£4.41	£3.31	£2.19	<0.05	
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£6.75	£18.94	£14.25	£9.52	£4.71	£2.28	<0.19	<5.22	
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£7.50	£17.75	£16.12	£14.53	£12.96	£12.19	£11.42	£9.91	
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£31.88	£63.62	£57.01	£50.50	£44.08	£40.91	£37.76	£31.55	
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£75.00	£138.39	£123.90	£109.61	£95.54	£88.59	£81.69	£68.05	
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£131.25	£221.35	£198.13	£175.25	£152.71	£141.57	£130.51	£108.65	
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	
24 C3 ECH scheme (60 units)	60	£0.60	£1.88	£2.14	£2.40	<2.66	<2.79	<2.92	<3.18	
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£0.75	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£0.75	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£0.75	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£0.75	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£0.75	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£0.75	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	

Table 5.3.6: Indicative surplus residual land value per unit – Value Band F (£4,250 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Sales value (£ ps/m): £4,250 AH tenure 63% 12% 25%

BLV: HIGHER VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)						
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£2.50	£7.18	£5.41	£3.65	£1.88	£1.00	£0.12	£-1.67
2 Central / urban (300 dph - 100% flats)	300	£2.50	£7.87	£6.84	£5.80	£4.76	£4.23	£3.70	£2.64
3 Central / urban (200 dph - 100% flats)	200	£2.50	£4.48	£3.78	£3.08	£2.38	£2.02	£1.67	£0.95
4 Central urban (100 dph - 100% flats)	100	£2.50	£2.76	£2.36	£1.95	£1.55	£1.34	£1.14	£0.72
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£2.50	£4.93	£4.48	£4.03	£3.58	£3.35	£3.13	£2.67
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£2.50	£3.96	£3.67	£3.37	£3.08	£2.93	£2.78	£2.48
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£2.50	£5.12	£4.71	£4.29	£3.89	£3.69	£3.49	£3.10
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£2.50	£3.71	£3.33	£2.95	£2.58	£2.40	£2.22	£1.86
9 Central urban (100 dph - 100% flats)	30	£0.75	£0.69	£0.56	£0.43	£0.30	£0.23	£0.16	£0.03
10 Central/ outer central (200dph 100% Flats)	40	£0.50	£0.78	£0.64	£0.48	£0.32	£0.24	£0.17	£0.01
11 Central (300 dph - 100% flats)	53	£0.44	£0.40	£0.21	£0.02	£-0.17	£-0.27	£-0.37	£-0.56
12 Employment-led MIU	145	£2.50	£11.03	£10.49	£9.96	£9.41	£9.14	£8.87	£8.31
13 Employment-led MIU	160	£20.00	£59.30	£58.69	£58.08	£57.47	£57.16	£56.85	£56.23
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£5.00	£11.44	£10.35	£9.25	£8.14	£7.59	£7.03	£5.91
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£12.50	£10.90	£9.93	£8.98	£8.04	£7.57	£7.11	£6.21
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£7.50	£9.14	£8.24	£7.35	£6.49	£6.06	£5.63	£4.79
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£17.50	£16.96	£16.69	£16.40	£16.09	£15.83	£15.76	£15.41
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£22.50	£21.64	£20.68	£19.73	£18.83	£18.34	£18.14	£17.79
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£25.00	£21.25	£19.48	£17.74	£16.03	£15.19	£14.36	£12.72
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£106.25	£79.26	£72.07	£64.99	£58.02	£54.58	£51.16	£44.41
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£250.00	£170.68	£154.96	£139.47	£124.22	£116.68	£109.21	£94.43
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£437.50	£272.87	£247.67	£222.85	£198.41	£186.33	£174.35	£150.67
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£1.40	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14
24 C3 ECH scheme (60 units)	60	£2.00	£1.21	£1.47	£1.72	£1.98	£2.11	£2.24	£2.50
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£2.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£2.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£1.50	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£1.50	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29

BLV: MEDIUM VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)						
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£1.50	£7.18	£5.41	£3.65	£1.88	£1.00	£0.12	£-1.67
2 Central / urban (300 dph - 100% flats)	300	£1.50	£7.87	£6.84	£5.80	£4.76	£4.23	£3.70	£2.64
3 Central / urban (200 dph - 100% flats)	200	£1.50	£4.48	£3.78	£3.08	£2.38	£2.02	£1.67	£0.95
4 Central urban (100 dph - 100% flats)	100	£1.50	£2.76	£2.36	£1.95	£1.55	£1.34	£1.14	£0.72
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£1.50	£4.93	£4.48	£4.03	£3.58	£3.35	£3.13	£2.67
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£1.50	£3.96	£3.67	£3.37	£3.08	£2.93	£2.78	£2.48
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£1.50	£5.12	£4.71	£4.29	£3.89	£3.69	£3.49	£3.10
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£1.50	£3.71	£3.33	£2.95	£2.58	£2.40	£2.22	£1.86
9 Central urban (100 dph - 100% flats)	30	£0.45	£0.69	£0.56	£0.43	£0.30	£0.23	£0.16	£0.03
10 Central/ outer central (200dph 100% Flats)	40	£0.30	£0.78	£0.64	£0.48	£0.32	£0.24	£0.17	£0.01
11 Central (300 dph - 100% flats)	53	£0.26	£0.40	£0.21	£0.02	£-0.17	£-0.27	£-0.37	£-0.56
12 Employment-led MIU	145	£1.50	£11.03	£10.49	£9.96	£9.41	£9.14	£8.87	£8.31
13 Employment-led MIU	160	£12.00	£59.30	£58.69	£58.08	£57.47	£57.16	£56.85	£56.23
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£3.00	£11.44	£10.35	£9.25	£8.14	£7.59	£7.03	£5.91
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£6.00	£10.90	£9.93	£8.98	£8.04	£7.57	£7.11	£6.21
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£4.50	£9.14	£8.24	£7.35	£6.49	£6.06	£5.63	£4.79
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£15.00	£16.96	£16.69	£16.40	£16.09	£15.83	£15.76	£15.41
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£13.50	£21.64	£20.68	£19.73	£18.83	£18.34	£18.14	£17.79
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£15.00	£21.25	£19.48	£17.74	£16.03	£15.19	£14.36	£12.72
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£63.75	£79.26	£72.07	£64.99	£58.02	£54.58	£51.16	£44.41
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£150.00	£170.68	£154.96	£139.47	£124.22	£116.68	£109.21	£94.43
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£262.50	£272.87	£247.67	£222.85	£198.41	£186.33	£174.35	£150.67
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14
24 C3 ECH scheme (60 units)	60	£1.20	£1.21	£1.47	£1.72	£1.98	£2.11	£2.24	£2.50
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£1.50	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£1.50	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£1.50	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£1.50	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£1.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£1.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29

BLV: LOWER VALUE BROWNFIELD

Description	No of units	BLV (£/m)	Residual land values (£/m)						
			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH
1 Central (500 dph - all flats)	500	£0.75	£7.18	£5.41	£3.65	£1.88	£1.00	£0.12	£-1.67
2 Central / urban (300 dph - 100% flats)	300	£0.75	£7.87	£6.84	£5.80	£4.76	£4.23	£3.70	£2.64
3 Central / urban (200 dph - 100% flats)	200	£0.75	£4.48	£3.78	£3.08	£2.38	£2.02	£1.67	£0.95
4 Central urban (100 dph - 100% flats)	100	£0.75	£2.76	£2.36	£1.95	£1.55	£1.34	£1.14	£0.72
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.75	£4.93	£4.48	£4.03	£3.58	£3.35	£3.13	£2.67
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)	70	£0.75	£3.96	£3.67	£3.37	£3.08	£2.93	£2.78	£2.48
7 Sub'n, mkt twin, urban exdn (50 dph - 15% flats, 85% houses)	50	£0.75	£5.12	£4.71	£4.29	£3.89	£3.69	£3.49	£3.10
8 Rural - 40 dph - (90% Houses/ 10% flats)	40	£0.75	£3.71	£3.33	£2.95	£2.58	£2.40	£2.22	£1.86
9 Central urban (100 dph - 100% flats)	30	£0.23	£0.69	£0.56	£0.43	£0.30	£0.23	£0.16	£0.03
10 Central/ outer central (200dph 100% Flats)	40	£0.15	£0.78	£0.64	£0.48	£0.32	£0.24	£0.17	£0.01
11 Central (300 dph - 100% flats)	53	£0.13	£0.40	£0.21	£0.02	£-0.17	£-0.27	£-0.37	£-0.56
12 Employment-led MIU	145	£0.75	£11.03	£10.49	£9.96	£9.41	£9.14	£8.87	£8.31
13 Employment-led MIU	160	£6.00	£59.30	£58.69	£58.08	£57.47	£57.16	£56.85	£56.23
14 Size based 2-10 ha - 75% net to gross, 200 dph)	300	£1.50	£11.44	£10.35	£9.25	£8.14	£7.59	£7.03	£5.91
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.	100	£3.75	£10.90	£9.93	£8.98	£8.04	£7.57	£7.11	£6.21
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£2.25	£9.14	£8.24	£7.35	£6.49	£6.06	£5.63	£4.79
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	£5.25	£16.96	£16.69	£16.40	£16.09	£15.83	£15.76	£15.41
18 Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	£6.75	£21.64	£20.68	£19.73	£18.83	£18.34	£18.14	£17.79
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	£7.50	£21.25	£19.48	£17.74	£16.03	£15.19	£14.36	£12.72
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£31.88	£79.26	£72.07	£64.99	£58.02	£54.58	£51.16	£44.41
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£75.00	£170.68	£154.96	£139.47	£124.22	£116.68	£109.21	£94.43
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£131.25	£272.87	£247.67	£222.85	£198.41	£186.33	£174.35	£150.67
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.84	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14	£6.14
24 C3 ECH scheme (60 units)	60	£0.60	£1.21	£1.47	£1.72	£1.98	£2.11	£2.24	£2.50
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	£0.75	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£0.75	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27
27 Class E (office) central/inner 70% plot ratio - BF	28,000	£0.75	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44
28 Class E (office) suburban/edge 50% plot ratio - GF	20,000	£0.75	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF	4,200	£0.75	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	3,000	£0.75	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29

BLV: HIGHER GREENFIELD

BLV: HIGHER GREENFIELD		Residual land values (£/m)									
Description	No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH		
1 Central / 500 dph - at flats	500	£0.25	£7.18	£5.41	£3.95	£1.88	£1.00	£0.12	£1.67		
2 Central / urban - 300 dph - 100% flats	300	£0.25	£7.87	£8.84	£5.80	£4.76	£4.23	£3.76	£2.64		
3 Central / urban - 200 dph - 100% flats	200	£0.25	£4.46	£3.78	£3.08	£2.36	£2.67	£2.97	£2.67		
4 Central urban (100 dph - 100% flats)	100	£0.25	£2.76	£2.36	£1.95	£1.55	£1.34	£1.14	£0.72		
5 Inner urban (100 dph - 75% flats, 25% houses)	100	£0.25	£4.93	£4.48	£4.03	£3.58	£3.35	£3.13	£2.42		
6 Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	£0.25	£3.96	£3.67	£3.37	£3.08	£2.93	£2.78	£2.48		
7 Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	£0.25	£5.12	£4.71	£4.29	£3.89	£3.69	£3.49	£3.10		
8 Rural - 40 dph - (90% Houses/10% flats)	40	£0.25	£3.71	£3.33	£2.95	£2.58	£2.40	£2.22	£1.86		
9 Central urban (100 dph - 100% flats)	30	£0.08	£0.89	£0.66	£0.43	£0.30	£0.23	£0.16	£0.03		
10 Central outer central (200dph 100% Flats)	40	£0.05	£0.79	£0.84	£0.49	£0.32	£0.24	£0.17	£0.01		
11 Central (300 dph - 100% flats)	53	£0.04	£2.46	£2.01	£1.60	£1.20	£1.00	£0.80	£0.49		
12 Employment-led IU	145	£0.25	£11.03	£10.49	£9.96	£9.41	£9.14	£8.87	£8.51		
13 Employment-led IU	160	£2.00	£59.30	£58.69	£58.08	£57.47	£57.16	£56.85	£56.23		
14 Size based 2-10 ha - 75% net to gross, 200 dph rural assumptions	300	£0.50	£11.44	£10.35	£9.25	£8.14	£7.59	£7.07	£5.93		
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions 90% houses/10% flats.	100	£1.25	£19.00	£9.93	£8.98	£8.04	£7.57	£7.11	£6.21		
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses	113	£0.75	£10.14	£8.24	£7.36	£6.49	£6.06	£5.63	£4.79		
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	£1.75	£16.96	£14.69	£12.40	£10.09	£9.93	£7.76	£5.41		
18 Size based 2-10 ha - 75% net to gross, 200 dph	1,350	£2.25	£31.54	£28.88	£26.18	£16.83	£14.34	£11.84	£8.69		
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	525	£1.25	£19.15	£19.48	£17.74	£16.03	£15.15	£14.27	£13.41		
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	£1.063	£17.93	£17.07	£16.99	£16.02	£15.58	£15.11	£14.41		
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	£25.00	£170.88	£154.96	£139.47	£124.22	£116.68	£109.21	£96.43		
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	£43.75	£272.87	£247.67	£222.85	£198.41	£186.33	£174.35	£150.67		
23 C2 scheme (84 ensuite spaces, 22 sqm each)	84	£0.14	£8.14	£8.14	£8.14	£8.14	£8.14	£8.14	£8.14		
24 C3 ECH scheme (60 units)	60	£0.20	£1.21	£1.47	£1.72	£1.98	£2.11	£2.24	£2.50		
25 Student Hag (studios, equiv to 0.5 of 1 bed flat)	325	£0.25	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16	£11.16		
26 Student Hag (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	£0.25	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27	£14.27		
27 Class E (office) centralinner 70% flat rate - BF	28,000	£0.04	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44	£14.44		
28 Class E (office) suburban/edge 50% plot rate - GF	20,000	£0.05	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31	£10.31		
29 Class B2/B8 - non-strategic site/urban 42% plot rate BF	4,200	£0.25	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81		
30 Class B2/B8 - strategic site/edge of urban 42% plot rate GF	3,000	£0.25	£1.14	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29		



Table 5.3.7: Indicative surplus residual land value per unit – Value Band G (£4,500 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m)		AH tenure		63%		12%		25%																
BLV: HIGHER VALUE BROWNFIELD										BLV (£/m)		Residual land values (£/m)										Site area		BLV per ha		BLV (£/m)		BLV per ha						
Description										No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Site area	BLV per ha	Notional surplus (residual land value divided by number of units)										Higher value brownfield		£2,500,000	
												0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	(£m)	(£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	Medium value brownfield	£1,500,000					
1 Central (500 dph - all flats)										500	£2.50	£11.59	£9.82	£8.04	£6.27	£5.39	£4.58	£2.73	1.00	£2.50	18.77	14.833	11.088	7.544	5.772	4.000	455							
2 Central / urban (300 dph - 100% flats)										300	£2.50	£11.30	£10.24	£9.16	£8.08	£7.54	£6.99	£5.89	1.00	£2.50	29.31	25.766	22.211	16.607	16.763	14.972	11.308							
3 Central / urban (200 dph - 100% flats)										200	£2.50	£8.51	£5.79	£5.07	£4.34	£3.97	£3.60	£2.86	1.00	£2.50	29.036	25.036	21.437	16.737	17.377	5.514	3.181							
4 Central urban (100 dph - 100% flats)										100	£2.50	£4.02	£3.60	£3.18	£2.75	£2.54	£2.32	£1.89	1.00	£2.50	15.154	10.990	6.779	2.523	3.777	0	0							
5 Inner urban (100 dph - 75% flats, 25% houses)										100	£2.50	£6.12	£5.64	£5.18	£4.72	£4.48	£4.24	£3.76	1.00	£2.50	36.223	31.434	26.757	22.189	18.806	17.410	12.579							
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)										70	£2.50	£4.69	£4.39	£4.09	£3.78	£3.63	£3.47	£3.16	1.00	£2.50	31.323	27.017	22.678	18.307	16.109	13.902	9.486							
7 Sub'n, mkt twin, urban extn (50 dph - 15% flats, 85% houses)										50	£2.50	£5.82	£5.37	£4.93	£4.49	£4.28	£4.06	£3.64	1.00	£2.50	86.383	57.408	48.586	39.858	35.554	31.284	22.843							
8 Rural - 40 dph - (90% Houses/ 10% flats)										40	£2.50	£4.33	£3.92	£3.51	£3.11	£2.91	£2.72	£2.33	1.00	£2.50	45.787	35.415	25.235	15.248	10.326	5.452	0							
9 Central urban (100 dph - 100% flats)										30	£0.75	£0.99	£0.85	£0.72	£0.58	£0.51	£0.43	£0.29	0.30	£2.50	7.953	3.430	0	0	0	0	0	0						
10 Central/ outer central (200dph 100% Flats)										40	£0.50	£1.12	£0.96	£0.80	£0.64	£0.56	£0.48	£0.31	0.20	£2.50	15.610	11.609	7.574	3.506	1.460	0	0	0						
11 Central (300 dph - 100% flats)										53	£0.44	£0.77	£0.57	£0.38	£0.19	£0.09	£0.00	£0.20	0.18	£2.50	6.257	2.595	0	0	0	0	0	0						
12 Employment-led MIU										145	£2.50	£15.96	£15.41	£14.85	£14.28	£13.99	£13.69	£13.11	1.00	£2.50	32.825	89.068	85.155	81.218	79.216	77.405	73.159							
13 Employment-led MIU										160	£20.00	£85.26	£84.64	£84.00	£83.37	£83.05	£82.72	£82.08	8.00	£2.50	407.887	340.029	306.042	266.042	340.029	367.887	367.887							
14 Size based 2-10 ha - 75% net to gross, 200 dph)										300	£5.00	£15.55	£14.42	£13.28	£12.14	£11.56	£10.98	£9.81	2.00	£2.50	35.175	31.141	27.616	23.789	21.964	19.931	16.041							
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.										100	£12.50	£13.16	£12.11	£11.09	£10.08	£9.59	£9.09	£8.12	5.00	£2.50	6.560	0	0	0	0	0	0							
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses										113	£7.50	£10.70	£9.74	£8.79	£7.85	£7.39	£6.93	£6.02	3.00	£2.50	28.476	19.904	11.458	3.138	0	0	0	0						
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)										525	£17.50	£23.41	£21.95	£18.67	£16.27	£15.66	£15.04	£13.38	7.00	£2.50	11.251	6.769	2.237	0	0	0	0	0						
18 Size based 2-10 ha - 75% net to gross, 200 dph)										1,350	£22.50	£43.37	£38.37	£33.33	£28.24	£25.68	£23.10	£17.91	9.00	£2.50	15.480	11.757	8.021	4.254	2.355	446	0							
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats										200	£25.00	£25.93	£24.03	£22.15	£20.31	£19.41	£18.51	£16.74	10.00	£2.50	4.064	0	0	0	0	0	0	0						
20 Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses										1,063	£106.25	£65.22	£67.49	£79.87	£72.36	£68.65	£64.96	£57.67	42.50	£2.50	0	0	0	0	0	0	0	0						
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										2,500	£250.00	£203.49	£186.80	£169.95	£153.54	£145.42	£137.37	£121.44	100.00	£2.50	0	0	0	0	0	0	0	0						
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										4,375	£437.50	£325.33	£298.27	£271.59	£245.30	£232.29	£219.39	£193.86	175.00	£2.50	0	0	0	0	0	0	0	0						
23 C2 scheme (84 ensuite spaces, 22 sqm each)										84	£0.84	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	£7.20	0.56	£2.50	63.058	63.058	63.058	63.058	63.058	63.058	63.058							
24 C3 ECH scheme (60 units)										60	£2.00	£0.71	£0.97	£1.23	£1.48	£1.61	£1.74	£2.00	0.80	£2.50	0	0	0	0	0	0	0	0						
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)										325	£2.50	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	£10.89	1.00	£2.50	25.826	25.826	25.826	25.826	25.826	25.826	25.826							
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)										200	£2.50	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	£13.69	1.00	£2.50	55.937	55.937	55.937	55.937	55.937	55.937	55.937							
27 Class E (office) central/inner 70% plot ratio - BF										28,000	£2.50	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	£21.01	1.00	£2.50	661	661	661	661	661	661	661							
28 Class E (office) suburban/edge 50% plot ratio - GF										20,000	£2.50	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	£15.01	1.00	£2.50	625	625	625	625	625	625	625							
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF										4,200	£2.50	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	£1.81	1.00	£2.50	0	0	0	0	0	0	0	0						
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF										3,000	£2.50	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	£1.29	1.00	£2.50	0	0	0	0	0	0	0	0						
BLV: MEDIUM VALUE BROWNFIELD										BLV (£/m)		Residual land values (£/m)										Site area		BLV per ha		BLV (£/m)		BLV per ha						
Description										No of units	BLV (£/m)	0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	(£m)	(£/m)	Notional surplus (residual land value divided by number of units)										Higher value brownfield		£2,500,000	
												0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH			0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH							
1 Central (500 dph - all flats)										500	£1.50	£11.59	£9.82	£8.04	£6.27	£5.39	£4.58	£2.73	1.00	£1.50	20.177	16.633	13.988	9.544	7.772	6.800	2.455							
2 Central / urban (300 dph - 100% flats)										300	£1.50	£11.30	£10.24	£9.16	£8.08	£7.54	£6.99	£5.89	1.00	£1.50	32.665	29.120	25.545	21.940	20.127	18.306	14.641							
3 Central / urban (200 dph - 100% flats)										200	£1.50	£8.51	£5.79	£5.07	£4.34	£3.97	£3.60	£2.86	1.00	£1.50	25.036	21.450	17.835	14.189	12.355	10.514	6.809							
4 Central urban (100 dph - 100% flats)										100	£1.50	£4.02	£3.60	£3.18	£2.75	£2.54	£2.32	£1.89	1.00	£1.50	25.154	20.990	16.779	12.523	10.377	8.220	3.871							
5 Inner urban (100 dph - 75% flats, 25% houses)										100	£1.50	£6.12	£5.64	£5.18	£4.72	£4.48	£4.24	£3.76	1.00	£1.50	46.223	41.434	36.757	32.189	28.806	27.410	22.979							
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)										70	£1.50	£4.69	£4.39	£4.09	£3.78	£3.63	£3.47	£3.16	1.00	£1.50	45.009	41.303	36.964	32.592	30.384	28.188	23.752							
7 Sub'n, mkt twin, urban extn (50 dph - 15% flats, 85% houses)										50	£1.50	£5.82	£5.37	£4.93	£4.49	£4.28	£4.06	£3.64	1.00	£1.50	86.383	77.408	68.586	59.858	55.554	51.284	42.843							
8 Rural - 40 dph - (90% Houses/ 10% flats)										40	£1.50	£4.33	£3.92	£3.51	£3.11	£2.91	£2.72	£2.33	1.00	£1.50	70.787	60.415	50.235	40.248	35.328	30.452	20.849							
9 Central urban (100 dph - 100% flats)										30	£0.45	£0.99	£0.85	£0.72	£0.58	£0.51	£0.43	£0.29	0.30	£1.50	17.953	13.430	8.843	4.193	1.844	0	0							
10 Central/ outer central (200dph 100% Flats)										40	£0.30	£1.12	£0.96	£0.80	£0.64	£0.56	£0.48	£0.31	0.20	£1.50	20.177	16.633	13.988	9.544	7.772	6.800	2.455							
11 Central (300 dph - 100% flats)										53	£0.26	£0.77	£0.57	£0.38	£0.19	£0.09	£0.00	£0.20	0.18	£1.50	9.596	5.929	2.267	0	0	0	0							
12 Employment-led MIU										145	£1.50	£15.96	£15.41	£14.85	£14.28	£13.99	£13.69	£13.11	1.00	£1.50	99.721	95.902	92.052	86.115	86.113	84.102	80.956							
13 Employment-led MIU										160	£12.00	£85.26	£84.64	£84.00	£83.37	£83.05	£82.72	£82.08	8.00	£1.50	457.887	453.971	450.023	446.042	444.039	442.028	437.787							
14 Size based 2-10 ha - 75% net to gross, 200 dph)										300	£3.00	£15.55	£14.42	£13.28	£12.14	£11.56	£10.98	£9.81	2.00	£1.50	41.842	36.078	34.283	30.456	28.598	26.997	22.703							
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.										100	£7.50	£13.16	£12.11	£11.09	£10.08	£9.59	£9.09	£8.12	5.00	£1.50	56.560	46.123	35.881	25.824	20.884	15.937	6.159							
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses										113	£4.50	£10.70	£9.74	£8.79	£7.85	£7.39	£6.93	£6.02	3.00	£1.50	65.143	46.571	38.125	29.804	25.891	21.809	13.539							
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)										525	£15.00	£23.41	£21.95	£18.67	£16.27	£15.66	£15.04	£13.38	7.00	£1.50	24.584	20.102	15.700	10.988	8.679	6.356	1.674							
18 Size based 2-10 ha - 75% net to gross, 200 dph)										1,350	£15.00	£43.37	£38.37	£33.33	£28.24	£25.68	£23.10	£17.91	9.00	£1.50	22.127	18.424	14.688	10.920	9.022	7.112	3.269							
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats										2																								



Table 5.3.8: Indicative surplus residual land value per unit – Value Band H (£4,750 per square metre)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT										Sales value (£ ps/m)				AH tenure				63%				12%				25%																																																																									
BLV: HIGHER VALUE BROWNFIELD										Residual land values (£m)										Notional surplus (residual land value divided by number of units)										BLVs incorporate 20% premium																																																																					
Description										No of units										BLV (£/m)										0% AH										10% AH										20% AH										30% AH										40% AH										45% AH										50% AH									
1 Central (500 dph - all flats)										500										£2.50										£15.88										£14.00										£12.13										£10.25										£9.31										£8.37										£6.49									
2 Central / urban (300 dph - 100% flats)										300										£2.50										£14.29										£13.12										£11.94										£10.75										£10.16										£9.56										£8.35									
3 Central / urban (200 dph - 100% flats)										200										£2.50										£8.52										£7.73										£6.94										£6.14										£5.74										£5.33										£4.52									
4 Central urban (100 dph - 100% flats)										100										£2.50										£5.18										£4.72										£4.25										£3.78										£3.54										£3.30										£2.82									
5 Inner urban (100 dph - 75% flats, 25% houses)										100										£2.50										£7.46										£6.91										£6.37										£5.84										£5.58										£5.33										£4.82									
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)										70										£2.50										£5.59										£5.25										£4.91										£4.57										£4.41										£4.25										£3.92									
7 Sub'n, mkt twin, urban extn (50 dph - 15% flats, 85% houses)										50										£2.50										£6.85										£6.16										£5.67										£5.19										£4.95										£4.71										£4.25									
8 Rural - 40 dph - (90% Houses/ 10% flats)										40										£2.50										£5.07										£4.61										£4.16										£3.72										£3.50										£3.29										£2.86									
9 Central urban (100 dph - 100% flats)										30										£0.75										£1.37										£1.21										£1.06										£0.91										£0.83										£0.75										£0.59									
10 Central outer central (200dph 100% Flats)										40										£0.50										£1.55										£1.37										£1.19										£1.02										£0.93										£0.84										£0.66									
11 Central (300 dph - 100% flats)										53										£0.44										£1.24										£1.03										£0.83										£0.62										£0.52										£0.42										£0.22									
12 Employment-led MIU										145										£2.50										£17.44										£16.83										£16.22										£15.59										£15.27										£14.95										£14.31									
13 Employment-led MIU										160										£20.00										£86.89										£86.20										£85.51										£84.81										£84.46										£84.11										£83.41									
14 Size based 2-10 ha - 75% net to gross, 200 dph)										300										£4.50										£18.59										£17.35										£16.10										£14.84										£14.21										£13.58										£12.30									
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.										100										£12.50										£15.03										£13.87										£12.74										£11.63										£11.08										£10.54										£9.46									
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses										113										£7.50										£12.58										£11.51										£10.46										£9.42										£8.91										£8.40										£7.39									
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)										525										£17.50										£29.40										£28.80										£28.18										£27.53										£27.00										£26.47										£25.94									
18 Size based 2-10 ha - 75% net to gross, 200 dph)										1,350										£22.50										£55.74										£50.28										£44.78										£39.24										£33.64										£28.00																			
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats										200										£25.00										£29.43										£27.32										£25.25										£23.21										£22.20										£21.21										£19.24									
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										1,063										£106.25										£110.87										£102.29										£93.84										£85.51										£81.38										£77.29										£69.19									
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										2,500										£250.00										£235.74										£217.06										£198.64										£180.47										£171.49										£162.57										£144.92									
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										4,375										£437.50										£376.85										£346.93										£317.42										£288.32										£273.92										£259.63										£231.36									
23 C2 scheme (84 ensuite spaces, 22 sqm each)										84										£1.40										£7.20										£7.20										£7.20										£7.20										£7.20										£7.20										£7.20									
24 C3 ECH scheme (60 units)										60										£0.60										£0.04										£0.31										£0.59										£0.86										£1.00										£1.13										£1.40									
25 Student Hsg (studios, equiv to 0.5 of 1 bed flat)										325										£1.50										£10.89										£10.89										£10.89										£10.89										£10.89										£10.89										£10.89									
26 Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)										200										£1.50										£13.69										£13.69										£13.69										£13.69										£13.69										£13.69										£13.69									
27 Class E (office) central/inner 70% plot ratio - BF										28,000										£2.50										£21.01										£21.01										£21.01										£21.01										£21.01										£21.01										£21.01									
28 Class E (office) suburban/edge 50% plot ratio - GF										20,000										£2.50										£15.01										£15.01										£15.01										£15.01										£15.01										£15.01										£15.01									
29 Class B2/B8 - non-strategic site/urban 42% plot ratio BF										4,200										£2.50										£1.81										£1.81										£1.81										£1.81										£1.81										£1.81										£1.81									
30 Class B2/B8 - strategic site/edge of urban 30% plot ratio GF										3,000										£2.50										£1.29										£1.29										£1.29										£1.29										£1.29										£1.29										£1.29									
BLV: MEDIUM VALUE BROWNFIELD										Residual land values (£m)										Notional surplus (residual land value divided by number of units)										BLVs incorporate 20% premium																																																																					
Description										No of units										BLV (£/m)										0% AH										10% AH										20% AH										30% AH										40% AH										45% AH										50% AH									
1 Central (500 dph - all flats)										500										£1.50										£15.88										£14.00										£12.13										£10.25										£9.31										£8.37										£6.49									
2 Central / urban (300 dph - 100% flats)										300										£1.50										£14.29										£13.12										£11.94										£10.75										£10.16										£9.56										£8.35									
3 Central / urban (200 dph - 100% flats)										200										£1.50										£8.52										£7.73										£6.94										£6.14										£5.74										£5.33										£4.52									
4 Central urban (100 dph - 100% flats)										100										£1.50										£5.18										£4.72										£4.25										£3.78										£3.54										£3.30										£2.82									
5 Inner urban (100 dph - 75% flats, 25% houses)										100										£1.50										£7.46										£6.91										£6.37										£5.84										£5.58										£5.33										£4.82									
6 Sub'n and mkt twin centres (70 dph - 68% flats, 32% houses)										70										£1.50										£5.59										£5.25										£4.91										£4.57										£4.41										£4.25										£3.92									
7 Sub'n, mkt twin, urban extn (50 dph - 15% flats, 85% houses)										50										£1.50										£6.85										£6.16										£5.67										£5.19										£4.95										£4.71										£4.25									
8 Rural - 40 dph - (90% Houses/ 10% flats)										40										£1.50										£5.07										£4.61										£4.16										£3.72										£3.50										£3.29										£2.86									
9 Central urban (100 dph - 100% flats)										30										£0.45										£1.37										£1.21										£1.06										£0.91										£0.83										£0.75										£0.59									
10 Central outer central (200dph 100% Flats)										40										£0.30										£1.55										£1.37										£1.19										£1.02										£0.93										£0.84										£0.66									
11 Central (300 dph - 100% flats)										53										£0.26										£1.24										£1.03										£0.83										£0.62										£0.52										£0.42										£0.22									
12 Employment-led MIU										145										£1.50										£17.44										£16.83										£16.22										£15.59										£15.27										£14.95										£14.31									
13 Employment-led MIU										160										£6.00										£86.89										£86.20										£85.51										£84.81										£84.46										£84.11										£83.41									
14 Size based 2-10 ha - 75% net to gross, 200 dph)										300										£1.50										£18.59										£17.35										£16.10										£14.84										£14.21										£13.58										£12.30									
15 Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses/10% flats.										100										£3.75										£15.03										£13.87										£12.74										£11.63										£11.08										£10.54										£9.46									
16 Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions 15% flats/85% houses										113										£4.50										£12.58										£11.51										£10.46										£9.42										£8.91										£8.40										£7.39									
17 Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)										525										£5.25										£29.40										£28.80										£28.18										£27.53										£27.00										£26.47										£25.94									
18 Size based 2-10 ha - 75% net to gross, 200 dph)										1,350										£6.75										£55.74										£50.28										£44.78										£39.23										£33.64										£28.00																			
19 Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats										200										£25.00										£29.43										£27.32										£25.25										£23.21										£22.20										£21.21										£19.24									
20 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										1,063										£31.89										£110.87										£102.29										£93.84										£85.51										£81.38										£77.29										£69.19									
21 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses										2,500										£75.00										£235.74										£217.06										£198.64										£180.47										£171.49										£162.57										£144.92									
22 Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses																																																																																																			

Table 5.3.9: Indicative surplus residual land value per unit – Value Band I (£5,100 per square metre)

Sales value (£ psm):	£5,100	AH tenure	63%	12%	25%
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Site area	BLV per cm	Nototrupal surplus (residual land value divided by number of units)							
		0% AH	10% AH	20% AH	30% AH	40% AH	45% AH	50% AH	
1.00	£2.50	38.661	34.428	30.122	25.957	23.840	21.723	17.478	
1.00	£2.50	53.230	48.643	44.094	39.373	37.035	34.690	29.985	
1.00	£2.50	44.143	39.525	34.838	30.194	27.842	25.481	20.736	
1.00	£2.50	43.149	37.467	31.916	26.495	24.203	20.990	15.315	
1.00	£2.50	68.400	61.661	55.025	48.574	45.384	42.227	36.100	
1.00	£2.50	62.113	56.130	50.245	44.425	41.547	38.691	33.045	
1.00	£2.50	106.271	94.618	83.518	72.372	66.565	61.379	50.538	
0.30	£2.50	30.065	26.707	23.516	20.346	18.441	16.825	13.555	
0.30	£2.50	38.501	31.177	25.616	19.434	16.905	14.827	10.599	
0.20	£2.50	40.966	35.549	30.069	25.510	22.963	20.287	15.022	
0.18	£2.50	27.736	23.344	18.951	14.558	12.301	10.165	5.729	
1.00	£2.50	117.331	112.439	107.442	102.378	99.633	97.726	92.146	
8.00	£2.50	432.288	427.294	422.265	417.201	414.855	412.102	406.968	
2.00	£2.50	59.465	54.639	49.779	44.885	42.425	39.957	34.996	
5.00	£2.50	51.198	37.929	24.978	12.050	5.676	0	0	
3.00	£2.50	68.320	57.312	46.474	35.723	30.415	25.142	14.704	
7.00	£2.50	38.551	32.552	26.847	20.917	18.054	15.072	9.067	
9.00	£2.50	37.372	32.682	27.957	23.198	20.080	18.405	13.577	
1.00	£2.50	46.640	34.407	22.367	10.518	4.668	0	0	
42.50	£2.50	24.945	15.963	8.796	0	0	0	0	
100.00	£2.50	12.951	3.854	0	0	0	0	0	
175.00	£2.50	7.622	0	0	0	0	0	0	
0.56	£2.50	69.095	69.095	69.095	69.095	69.095	69.095	69.095	
0.80	£2.50	0	0	0	0	0	0	0	
1.00	£2.50	25.626	25.626	25.626	25.626	25.626	25.626	25.626	
1.00	£2.50	55.937	55.937	55.937	55.937	55.937	55.937	55.937	
1.00	£2.50	661	661	661	661	661	661	661	
1.00	£2.50	625	625	625	625	625	625	625	
1.00	£2.50	0	0	0	0	0	0	0	
1.00	£2.50	0	0	0	0	0	0	0	
1.00	£2.50	0	0	0	0	0	0	0	

BLVs incorporate 20% premium

Key	
Viable result:	EXXX
Unviable result:	EXXX
Unviable, but within 10% of BLV:	EXXX

Site area	BLV per ha (cm)	Notional surplus (residual land value divided by number of units)							
		0% Aha	10% Aha	20% Aha	30% Aha	40% Aha	45% Aha	50% Aha	
1.00	£1.50	40.661	36.426	32.192	27.957	25.840	23.723	19.488	
1.00	£0.50	56.563	51.978	47.392	42.706	40.369	38.023	33.308	
1.00	£0.40	49.143	44.525	39.939	35.344	32.942	30.481	25.736	
1.00	£1.00	53.149	47.467	41.916	36.495	33.803	30.990	25.736	
1.00	£1.80	78.400	71.661	65.052	58.574	55.384	52.227	46.010	
1.00	£1.75	75.399	70.415	64.521	58.711	55.833	52.977	47.331	
1.00	£1.25	71.271	64.818	58.318	52.372	48.858	45.379	39.750	
1.00	£1.15	65.145	59.137	53.168	47.244	43.917	40.617	35.565	
0.30	£1.00	48.501	41.177	35.516	29.534	26.405	23.527	17.986	
0.20	£1.00	45.966	40.489	35.098	30.510	27.993	25.287	20.028	
0.18	£1.00	31.070	26.677	22.284	17.891	15.965	13.498	9.105	
1.00	£1.22	127.227	119.335	111.335	103.274	106.729	104.176	99.042	
8.00	£1.00	482.288	473.294	464.285	455.201	464.656	462.102	456.969	
2.00	£1.00	66.132	61.308	56.486	51.552	49.092	46.624	41.683	
5.00	£1.00	101.198	87.928	74.678	62.050	55.676	49.359	36.890	
3.00	£1.00	94.887	83.979	73.113	62.390	57.082	51.809	41.370	
7.00	£1.00	51.884	45.885	40.007	34.250	31.387	28.405	22.401	
9.00	£1.00	44.039	39.348	34.624	29.985	27.427	25.071	20.244	
10.00	£1.00	96.640	84.407	72.367	60.518	54.668	48.861	37.396	
42.50	£1.00	64.955	55.563	46.290	37.136	32.604	28.202	19.188	
100.00	£1.00	52.351	43.894	35.128	26.562	22.580	18.446	10.101	
175.00	£1.00	42.522	34.691	26.861	19.131	15.303	11.400	3.972	
5.50	£1.75	75.763	75.763	75.763	75.763	75.763	75.763	75.763	
0.80	£1.00								
1.00	£1.00	28.903	28.903	28.903	28.903	28.903	28.903	28.903	
1.00	£1.00	60.937	60.937	60.937	60.937	60.937	60.937	60.937	
1.00	£1.00	697	697	697	697	697	697	697	
1.00	£1.00	675	675	675	675	675	675	675	
1.00	£1.00	73	73	73	73	73	73	73	
1.00	£1.00	0	0	0	0	0	0	0	

Site area	BLV per (cm)	Notional surplus (residual land value divided by number of units)							
		0% A	10% A	20% A	30% A	40% A	45% A	50% A	
1.00	£0.75	42.161	37.928	33.692	29.457	27.30	25.223	20.988	
1.00	£5.00	59.063	54.476	49.895	45.206	42.649	40.523	35.809	
1.00	£5.00	62.893	48.275	43.626	38.944	36.592	34.231	29.486	
1.00	£0.649	54.967	49.418	43.965	41.393	38.490	32.480	32.846	
1.00	£5.00	79.161	72.552	66.074	62.884	60.727	53.515	53.040	
1.00	£5.713	81.130	75.235	69.425	66.547	63.691	60.840	58.015	
1.00	£41.271	129.818	118.518	107.372	101.856	96.379	85.539	85.539	
0.30	£5.00	133.815	120.557	107.818	94.656	80.367	69.092	69.092	
0.30	£5.00	142.972	129.474	116.324	103.224	93.909	82.255	82.255	
0.20	£5.716	144.599	130.448	116.260	103.163	93.937	82.277	82.277	
0.18	£5.716	133.570	121.777	107.294	93.291	81.955	15.996	116.016	
1.00	£5.00	125.400	124.508	119.511	114.447	111.902	109.348	104.214	
1.00	£1.00	918.768	514.794	509.765	500.761	502.156	499.002	494.469	
2.00	£5.00	71.132	66.308	61.448	56.552	54.092	51.624	46.963	
1.00	£5.00	136.698	125.429	112.379	98.550	93.176	86.859	74.390	
3.00	£5.00	114.987	103.979	93.113	82.390	77.082	71.809	61.370	
7.00	£5.00	61.884	55.885	50.007	44.250	41.387	38.405	32.401	
10.00	£5.00	49.039	44.348	39.624	34.885	32.472	30.071	25.244	
10.00	£5.00	134.140	121.907	109.867	98.018	92.166	86.361	74.896	
42.50	£5.00	94.955	85.953	76.290	67.136	62.604	58.102	49.106	
100.00	£5.00	82.351	73.884	65.128	56.862	52.500	48.346	40.121	
175.00	£5.00	72.572	64.691	56.861	49.131	45.303	41.501	33.972	
0.50	£5.00	80.763	69.763	60.763	50.763	45.763	40.763	35.763	
0.80	£5.00	72.522	64.691	56.861	49.131	45.303	41.501	33.972	
1.00	£5.00	31.211	31.211	31.211	31.211	31.211	31.211	31.211	
1.00	£5.00	64.687	64.687	64.687	64.687	64.687	64.687	64.687	
1.00	£5.00	724	724	724	724	724	724	724	
1.00	£5.00	713	713	713	713	713	713	713	
1.00	£5.00	252	252	252	252	252	252	252	
1.00	£5.00	180	180	180	180	180	180	180	

[illegible][illegible]

Table 5.4.1: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band A (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT				Aff Hsg: 40%	
Higher Brownfield Benchmark Land Value (£2.5 million per hectare)				Mkt value: £3,200 per square metre	
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	-18,593,592	-26,219,835
2	Central / urban (300 dph - 100% flats)	300	2,500,000	-9,573,881	-14,852,835
3	Central / urban (200 dph - 100% flats)	200	2,500,000	-6,597,801	-9,830,760
4	Central urban (100 dph - 100% flats)	100	2,500,000	-3,732,795	-5,578,420
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	-1,876,913	-3,533,679
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	-477,120	-1,466,173
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	685,374	-93,505
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	-183,322	-952,842
9	Central urban (100 dph - 100% flats)	30	750,000	-1,142,384	-1,621,631
10	Central/ outer central (200dph 100% Flats)	40	500,000	-1,329,807	-1,878,351
11	Central (300 dph - 100% flats)	53	437,500	-2,121,809	-2,816,874
12	Employment-led MU	145	2,500,000	-4,739,877	-10,371,796
13	Employment-led MU	160	20,000,000	-2,715,766	-28,420,579
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	5,000,000	-7,720,695	-13,916,829
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	-487,610	-3,062,637
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	-730,647	-2,742,194
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	17,500,000	-17,472,548	-27,049,258
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	22,500,000	-39,732,848	-59,238,747
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	-901,784	-6,252,178
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	-8,407,703	-31,485,379
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	-14,834,690	-62,232,828
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	-25,693,016	-105,657,061
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	4,674,330	3,703,294
24	C3 ECH scheme (60 units)	60	2,000,000	-4,702,812	-5,844,778
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	11,419,237	9,726,996
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	14,852,835	11,103,108
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	199,376	-5,921,698
28	Class E (office) suburban/edge 50% plot ratio - GF	-	250,000,000	142,411	-4,229,784
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467

Medium Brownfield Benchmark Land Value (£1.50 million per hectare)				NZC Operational Only		NZC Operational and Embodied	
Site ref	Site	No of units	BLV				
1	Central (500 dph - all flats)	500	1,500,000	-18,593,592	-26,219,835		
2	Central / urban (300 dph - 100% flats)	300	1,500,000	-9,573,881	-14,852,835		
3	Central / urban (200 dph - 100% flats)	200	1,500,000	-6,597,801	-9,830,760		
4	Central urban (100 dph - 100% flats)	100	1,500,000	-3,732,795	-5,578,420		
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	-1,876,913	-3,533,679		
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	-477,120	-1,466,173		
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	685,374	-93,505		
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	-183,322	-952,842		
9	Central urban (100 dph - 100% flats)	30	450,000	-1,142,384	-1,621,631		
10	Central/ outer central (200dph 100% Flats)	40	300,000	-1,329,807	-1,878,351		
11	Central (300 dph - 100% flats)	53	262,500	-2,121,809	-2,816,874		
12	Employment-led MU	145	1,500,000	-4,739,877	-10,371,796		
13	Employment-led MU	160	12,000,000	-2,715,766	-29,420,579		
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	-7,720,695	-13,916,829		
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	-487,610	-3,062,637		
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	-730,647	-2,742,194		
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	10,500,000	-17,472,548	-27,049,258		
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	13,500,000	-39,732,848	-59,238,747		
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	-901,784	-6,252,178		
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	-8,407,703	-31,485,379		
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	-14,834,690	-62,232,828		
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	-25,693,016	-105,657,061		
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	4,674,330	3,703,294		
24	C3 ECH scheme (60 units)	60	1,200,000	-4,702,812	-5,844,778		
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	11,419,237	9,726,996		
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	14,852,835	11,103,108		
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	199,376	-5,921,698		
28	Class E (office) suburban/edge 50% plot ratio - GF	-	150,000,000	142,411	-4,229,784		
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,607,719	1,259,253		
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467		

Lower value brownfield Benchmark Land Value (£0.75 million per hectare)				NZC Operational Only		NZC Operational and Embodied	
Site ref	Site	No of units	BLV				
1	Central (500 dph - all flats)	500	750,000	-18,593,592	-26,219,835		
2	Central / urban (300 dph - 100% flats)	300	750,000	-9,573,881	-14,852,835		
3	Central / urban (200 dph - 100% flats)	200	750,000	-6,597,801	-9,830,760		
4	Central urban (100 dph - 100% flats)	100	750,000	-3,732,795	-5,578,420		
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	-1,876,913	-3,533,679		
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	-477,120	-1,466,173		
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	685,374	-93,505		
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	-183,322	-952,842		
9	Central urban (100 dph - 100% flats)	30	225,000	-1,142,384	-1,621,631		
10	Central/ outer central (200dph 100% Flats)	40	150,000	-1,329,807	-1,878,351		
11	Central (300 dph - 100% flats)	53	131,250	-2,121,809	-2,816,874		
12	Employment-led MU	145	750,000	-4,739,877	-10,371,796		
13	Employment-led MU	160	6,000,000	-2,715,766	-29,420,579		
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	1,500,000	-7,720,695	-13,916,829		
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	-487,610	-3,062,637		
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	-730,647	-2,742,194		
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	5,250,000	-17,472,548	-27,049,258		
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	6,750,000	-39,732,848	-59,238,747		
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	-901,784	-6,252,178		
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	-8,407,703	-31,485,379		
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	-14,834,690	-62,232,828		
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	-25,693,016	-105,657,061		
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	4,674,330	3,703,294		
24	C3 ECH scheme (60 units)	60	600,000	-4,702,812	-5,844,778		
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	11,419,237	9,726,996		
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	14,852,835	11,103,108		
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	199,376	-5,921,698		
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	142,411	-4,229,784		
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,607,719	1,259,253		
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467		

Higher Greenfield Benchmark Land Value (£0.25 million per hectare)				NZC Operational Only		NZC Operational and Embodied	
Site ref	Site	No of units	BLV				
1	Central (500 dph - all flats)	500	250,000	-18,593,592	-26,219,835		
2	Central / urban (300 dph - 100% flats)	300	250,000	-9,573,881	-14,852,835		
3	Central / urban (200 dph - 100% flats)	200	250,000	-6,597,801	-9,830,760		
4	Central urban (100 dph - 100% flats)	100	250,000	-3,732,795	-5,578,420		
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	-1,876,913	-3,533,679		
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	-477,120	-1,466,173		
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	685,374	-93,505		
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	-183,322	-952,842		
9	Central urban (100 dph - 100% flats)	30	75,000	-1,142,384	-1,621,631		
10	Central/ outer central (200dph 100% Flats)	40	50,000	-1,329,807	-1,878,351		
11	Central (300 dph - 100% flats)	53	43,750	-2,121,809	-2,816,874		
12	Employment-led MU	145	250,000	-4,739,877	-10,371,796		
13	Employment-led MU	160	2,000,000	-2,715,766	-29,420,579		
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	500,000	-7,720,695	-13,916,829		
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	-487,610	-3,062,637		
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	-730,647	-2,742,194		
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	1,750,000	-17,472,548	-27,049,258		
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	2,250,000	-39,732,848	-59,238,747		
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	-901,784	-6,252,178		
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	-8,407,703	-31,485,379		
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	-14,834,690	-62,232,828		



Table 5.4.2: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band B (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT			Aff Hsg: 40%		
			Mkt value: £3,400 per square metre		
Higher Brownfield Benchmark Land Value (£2.5 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	-14,869,540	-22,595,784
2	Central /urban (300 dph - 100% flats)	300	2,500,000	-7,177,508	-12,457,259
3	Central /urban (200 dph - 100% flats)	200	2,500,000	-4,980,137	-8,223,095
4	Central urban (100 dph - 100% flats)	100	2,500,000	-2,834,199	-4,679,824
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	-849,257	-2,506,022
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	222,706	-763,196
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats 85% houses)	50	2,500,000	1,318,286	544,205
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	372,800	-387,871
9	Central urban (100 dph - 100% flats)	30	750,000	-659,872	-1,338,908
10	Central/outer central (200dph 100% Flats)	40	500,000	-1,001,710	-1,551,054
11	Central (300 dph - 100% flats)	53	437,500	-1,781,007	-2,426,072
12	Employment-led MU	145	2,500,000	-3,563,942	-9,195,860
13	Employment-led MU	160	20,000,000	-1,418,203	-28,122,997
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	5,000,000	-5,303,800	-11,499,934
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	12,500,000	911,914	-1,650,208
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	7,500,000	718,778	-1,278,711
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	17,500,000	-12,778,530	-22,355,239
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	22,500,000	-29,310,850	-48,816,750
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	1,719,282	-3,558,694
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	1,063	106,250,000	2,951,914	-18,541,542
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	2,500	250,000,000	10,727,281	-33,752,066
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	4,375	437,500,000	16,303,601	-57,220,185
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	4,674,330	3,703,294
24	C3 ECH scheme (60 units)	60	2,000,000	-4,150,054	-5,292,020
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	11,419,237	9,736,996
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	14,852,070	11,103,106
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	199,376	-5,921,696
28	Class E (office) suburban/edge 50% plot ratio - GF	-	250,000,000	142,411	-4,229,704
29	Class B2/B6 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,607,719	1,259,253
30	Class B2/B6 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467
Medium Brownfield Benchmark Land Value (£1.50 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	-14,869,540	-22,595,784
2	Central /urban (300 dph - 100% flats)	300	1,500,000	-7,177,508	-12,457,259
3	Central /urban (200 dph - 100% flats)	200	1,500,000	-4,980,137	-8,223,095
4	Central urban (100 dph - 100% flats)	100	1,500,000	-2,834,199	-4,679,824
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	-849,257	-2,506,022
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	222,706	-763,196
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats 85% houses)	50	1,500,000	1,318,286	544,205
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	372,800	-387,871
9	Central urban (100 dph - 100% flats)	30	450,000	-659,872	-1,338,908
10	Central/outer central (200dph 100% Flats)	40	500,000	-1,001,710	-1,551,054
11	Central (300 dph - 100% flats)	53	262,500	-1,781,007	-2,426,072
12	Employment-led MU	145	1,500,000	-3,563,942	-9,195,860
13	Employment-led MU	160	12,000,000	-1,418,203	-28,122,997
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	-5,303,800	-11,499,934
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	7,500,000	911,914	-1,650,208
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	4,500,000	718,778	-1,278,711
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	10,500,000	-12,778,530	-22,355,239
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	13,500,000	-29,310,850	-48,816,750
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	1,719,282	-3,558,694
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	1,063	63,750,000	2,951,914	-18,541,542
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	2,500	150,000,000	10,727,281	-33,752,066
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	4,375	262,500,000	16,303,601	-57,220,185
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	4,674,330	3,703,294
24	C3 ECH scheme (60 units)	60	1,200,000	-4,150,054	-5,292,020
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	11,419,237	9,736,996
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	14,852,070	11,103,106
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	199,376	-5,921,696
28	Class E (office) suburban/edge 50% plot ratio - GF	-	150,000,000	142,411	-4,229,704
29	Class B2/B6 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,607,719	1,259,253
30	Class B2/B6 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467
Lower value brownfield Benchmark Land Value (£0.75 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	-14,869,540	-22,595,784
2	Central /urban (300 dph - 100% flats)	300	750,000	-7,177,508	-12,457,259
3	Central /urban (200 dph - 100% flats)	200	750,000	-4,980,137	-8,223,095
4	Central urban (100 dph - 100% flats)	100	750,000	-2,834,199	-4,679,824
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	-849,257	-2,506,022
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	222,706	-763,196
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats 85% houses)	50	750,000	1,318,286	544,205
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	372,800	-387,871
9	Central urban (100 dph - 100% flats)	30	225,000	-659,872	-1,338,908
10	Central/outer central (200dph 100% Flats)	40	500,000	-1,001,710	-1,551,054
11	Central (300 dph - 100% flats)	53	131,250	-1,781,007	-2,426,072
12	Employment-led MU	145	750,000	-3,563,942	-9,195,860
13	Employment-led MU	160	6,000,000	-1,418,203	-28,122,997
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	1,500,000	-5,303,800	-11,499,934
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	3,750,000	911,914	-1,650,208
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	2,250,000	718,778	-1,278,711
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	5,250,000	-12,778,530	-22,355,239
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	6,750,000	-29,310,850	-48,816,750
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	1,719,282	-3,558,694
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	1,063	31,875,000	2,951,914	-18,541,542
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	2,500	75,000,000	10,727,281	-33,752,066
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	4,375	131,250,000	16,303,601	-57,220,185
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	4,674,330	3,703,294
24	C3 ECH scheme (60 units)	60	600,000	-4,150,054	-5,292,020
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	11,419,237	9,736,996
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	14,852,070	11,103,106
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	199,376	-5,921,696
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	142,411	-4,229,704
29	Class B2/B6 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,607,719	1,259,253
30	Class B2/B6 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467
Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	-14,869,540	-22,595,784
2	Central /urban (300 dph - 100% flats)	300	250,000	-7,177,508	-12,457,259
3	Central /urban (200 dph - 100% flats)	200	250,000	-4,980,137	-8,223,095
4	Central urban (100 dph - 100% flats)	100	250,000	-2,834,199	-4,679,824
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	-849,257	-2,506,022
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	222,706	-763,196
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats 85% houses)	50	250,000	1,318,286	544,205
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	372,800	-387,871
9	Central urban (100 dph - 100% flats)	30	75,000	-659,872	-1,338,908
10	Central/outer central (200dph 100% Flats)	40	50,000	-1,001,710	-1,551,054
11	Central (300 dph - 100% flats)	53	43,750	-1,781,007	-2,426,072
12	Employment-led MU	145	250,000	-3,563,942	-9,195,860
13	Employment-led MU	160	2,000,000	-1,418,203	-28,122,997
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	500,000	-5,303,800	-11,499,934
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	1,250,000	911,914	-1,650,208
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	750,000	718,778	-1,278,711
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	1,750,000	-12,778,530	-22,355,239
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	2,250,000	-29,310,850	-48,816,750
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	1,719,282	-3,558,694
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	1,063	10,625,000	2,951,914	-18,541,542
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	2,500	25,000,000	10,727,281	-33,752,066
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	4,375	43,750,000	16,303,601	-57,220,185
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	4,674,330	3,703,294
24	C3 ECH scheme (60 units)	60	200,000	-4,150,054	-5,292,020
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	250,000	11,419,237	9,736,996
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	2,500,000	14,852,070	11,103,106
27	Class E (office) central/inner 70% plot ratio - BF	-	10,625,000	199,376	-5,921,696
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	142,411	-4,229,704
29	Class B2/B6 - non-strategic site/urban 42% plot ratio BF	-	43,750,000	1,607,719	1,259,253
30	Class B2/B6 - strategic				

Table 5.4.3: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band C (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT			Aff Hsg:	40%	Mkt value:	£3,530 per square metre
Higher Brownfield Benchmark Land Value (£2.5 million per hectare)						
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied	
1	Central (500 dph - all flats)	500	2,500,000	-11,536,080	-19,162,323	
2	Central / urban (300 dph - 100% flats)	300	2,500,000	-4,466,490	-9,746,243	
3	Central / urban (200 dph - 100% flats)	200	2,500,000	-3,513,034	-6,745,992	
4	Central urban (100 dph - 100% flats)	100	2,500,000	-1,909,010	-3,754,635	
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	-91,387	-1,748,153	
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	649,915	-329,942	
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats,85% houses)	50	2,500,000	1,701,005	931,129	
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	683,629	-68,208	
9	Central urban (100 dph - 100% flats)	30	750,000	-687,408	-1,166,643	
10	Central/ outer central (200dph 100% Flats)	40	500,000	-803,737	-1,353,081	
11	Central (300 dph - 100% flats)	53	437,500	-1,497,210	-2,192,275	
12	Employment-led MU	145	2,500,000	1,379,952	-4,227,849	
13	Employment-led MU	160	20,000,000	26,473,344	1,028,090	
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	5,000,000	-1,817,244	-8,013,378	
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	2,451,413	-88,824	
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	1,589,217	-381,601	
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	17,500,000	-7,834,106	-17,810,814	
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	22,500,000	-20,453,730	-39,959,629	
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	5,211,769	58,380	
20	Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,063	106,250,000	13,696,225	-7,215,481	
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	32,999,989	-8,708,716	
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	52,564,352	-16,696,443	
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	5,478,768	4,507,750	
24	C3 ECH scheme (60 units)	60	2,000,000	-3,819,605	-4,961,571	
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	11,419,237	9,726,996	
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	14,852,070	11,103,106	
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	7,318,488	1,280,042	
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	5,227,491	914,316	
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,807,719	1,259,253	
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,225	899,467	
Medium Brownfield Benchmark Land Value (£1.50 million per hectare)						
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied	
1	Central (500 dph - all flats)	500	1,500,000	-10,633,086	-19,162,323	
2	Central / urban (300 dph - 100% flats)	300	1,500,000	-3,692,012	-9,746,243	
3	Central / urban (200 dph - 100% flats)	200	1,500,000	-2,991,064	-6,745,992	
4	Central urban (100 dph - 100% flats)	100	1,500,000	-1,771,820	-3,754,635	
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	-305,578	-1,748,153	
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	279,414	-329,942	
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats,85% houses)	50	1,500,000	1,499,352	931,129	
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	484,321	-68,208	
9	Central urban (100 dph - 100% flats)	30	450,000	-643,057	-1,166,643	
10	Central/ outer central (200dph 100% Flats)	40	300,000	-754,583	-1,353,081	
11	Central (300 dph - 100% flats)	53	262,500	-1,442,565	-2,192,275	
12	Employment-led MU	145	1,500,000	1,551,143	-4,227,849	
13	Employment-led MU	160	12,000,000	26,659,942	1,028,090	
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	3,000,000	-1,456,768	-8,013,378	
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	2,228,341	-88,824	
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	1,413,015	-381,601	
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	10,500,000	-18,840,521	-17,810,814	
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	13,500,000	-40,273,251	-39,959,629	
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	3,969,315	58,380	
20	Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,063	63,750,000	16,152,336	-7,215,481	
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	38,276,200	-8,708,716	
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	57,942,140	-16,696,443	
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	5,478,768	4,507,750	
24	C3 ECH scheme (60 units)	60	1,200,000	-3,742,770	-4,961,571	
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	11,407,877	9,726,996	
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	14,839,494	11,103,106	
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	7,318,488	1,280,042	
28	Class E (office) suburban/edge 50% plot ratio - GF	-	15,000,000	5,227,491	914,316	
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,807,719	1,259,253	
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,225	899,467	
Lower value brownfield Benchmark Land Value (£0.75 million per hectare)						
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied	
1	Central (500 dph - all flats)	500	750,000	-11,536,080	-19,162,323	
2	Central / urban (300 dph - 100% flats)	300	750,000	-4,466,490	-9,746,243	
3	Central / urban (200 dph - 100% flats)	200	750,000	-3,513,034	-6,745,992	
4	Central urban (100 dph - 100% flats)	100	750,000	-1,909,010	-3,754,635	
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	-91,387	-1,748,153	
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	649,915	-329,942	
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats,85% houses)	50	750,000	1,701,005	931,129	
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	683,629	-68,208	
9	Central urban (100 dph - 100% flats)	30	225,000	-687,408	-1,166,643	
10	Central/ outer central (200dph 100% Flats)	40	150,000	-803,737	-1,353,081	
11	Central (300 dph - 100% flats)	53	131,250	-1,497,210	-2,192,275	
12	Employment-led MU	145	750,000	1,379,952	-4,227,849	
13	Employment-led MU	160	6,000,000	26,473,344	1,028,090	
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	1,500,000	-1,817,244	-8,013,378	
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	2,451,413	-88,824	
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	1,589,217	-381,601	
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	5,250,000	-7,834,106	-17,810,814	
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	6,750,000	-20,453,730	-39,959,629	
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	5,211,769	58,380	
20	Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,063	31,875,000	13,696,225	-7,215,481	
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	32,999,989	-8,708,716	
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	52,564,352	-16,696,443	
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	5,478,768	4,507,750	
24	C3 ECH scheme (60 units)	60	800,000	-3,819,605	-4,961,571	
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	11,419,237	9,726,996	
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	14,852,070	11,103,106	
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	7,318,488	1,280,042	
28	Class E (office) suburban/edge 50% plot ratio - GF	-	15,000,000	5,227,491	914,316	
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,807,719	1,259,253	
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,225	899,467	
Greenfield Benchmark Land Value (£0.15 million per hectare)						
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied	
1	Central (500 dph - all flats)	500	250,000	-11,536,080	-19,162,323	
2	Central / urban (300 dph - 100% flats)	300	250,000	-4,466,490	-9,746,243	
3	Central / urban (200 dph - 100% flats)	200	250,000	-3,513,034	-6,745,992	
4	Central urban (100 dph - 100% flats)	100	250,000	-1,909,010	-3,754,635	
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	-91,387	-1,748,153	
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	649,915	-329,942	
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats,85% houses)	50	250,000	1,701,005	931,129	
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	683,629	-68,208	
9	Central urban (100 dph - 100% flats)	30	75,000	-687,408	-1,166,643	
10	Central/ outer central (200dph 100% Flats)	40	50,000	-803,737	-1,353,081	
11	Central (300 dph - 100% flats)	53	43,750	-1,497,210	-2,192,275	
12	Employment-led MU	145	250,000	1,379,952	-4,227,849	
13	Employment-led MU	160	2,000,000	26,473,344	1,028,090	
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	500,000	-1,817,244	-8,013,378	
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	2,451,413	-88,824	
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	1,589,217	-381,601	
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	1,750,000	-7,834,106	-17,810,814	
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	2,250,000	-20,453,730	-39,959,629	
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	5,211,769	58,380	
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	13,696,225	-7,215,481	
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	32,999,989	-8,708,716	
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	52,564,352	-16,696,443	
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	5,478,768	4,507,750	
24	C3 ECH scheme (60 units)	60	200,000	-3,819,605	-4,961,571	
25	Student Hsg (studios, equiv to 0.5 of 0					

Table 5.4.4: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band D (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Aff Hag: 40%
Mkt value: £3,750 per square metre

Higher Brownfield Benchmark Land Value (£2.5 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	-9,113,120	-16,739,363
2	Central / urban (300 dph - 100% flats)	300	2,500,000	-2,791,404	-8,071,158
3	Central / urban (200 dph - 100% flats)	200	2,500,000	-2,379,290	-5,612,248
4	Central urban (100 dph - 100% flats)	100	2,500,000	-1,249,959	-3,095,583
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	702,461	-944,365
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	1,199,710	230,188
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	2,182,744	1,417,726
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	1,074,815	326,619
9	Central urban (100 dph - 100% flats)	30	750,000	-476,127	-955,363
10	Central/ outer central (200dph 100% Flats)	40	500,000	-585,918	-1,115,262
11	Central (300 dph - 100% flats)	53	437,500	-1,229,354	-1,924,419
12	Employment-led MU	145	2,500,000	2,199,664	-3,386,840
13	Employment-led MU	160	20,000,000	27,236,797	1,800,560
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	-217,772	-6,413,906
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	3,442,979	903,884
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	2,693,032	727,230
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	17,500,000	-4,495,210	-14,071,919
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	22,500,000	-13,022,727	-32,460,710
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	7,040,171	1,897,163
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	23,033,660	2,442,211
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	51,652,932	9,630,255
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	82,488,397	14,725,948
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	5,335,869	4,364,832
24	C3 ECH scheme (60 units)	60	2,000,000	-3,456,645	-4,598,611
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	7,318,468	1,280,042
28	Class E (office) suburban/edge 50% plot ratio - GF	-	250,000,000	5,227,491	914,318
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467

Medium Brownfield Benchmark Land Value (£1.50 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	-9,113,120	-16,739,363
2	Central / urban (300 dph - 100% flats)	300	1,500,000	-2,791,404	-8,071,158
3	Central / urban (200 dph - 100% flats)	200	1,500,000	-2,379,290	-5,612,248
4	Central urban (100 dph - 100% flats)	100	1,500,000	-1,249,959	-3,095,583
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	702,461	-944,365
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	1,199,710	230,188
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	2,182,744	1,417,726
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	1,074,815	326,619
9	Central urban (100 dph - 100% flats)	30	450,000	-476,127	-955,363
10	Central/ outer central (200dph 100% Flats)	40	300,000	-585,918	-1,115,262
11	Central (300 dph - 100% flats)	53	262,500	-1,229,354	-1,924,419
12	Employment-led MU	145	1,500,000	2,199,664	-3,386,840
13	Employment-led MU	160	12,000,000	27,236,797	1,800,560
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	-217,772	-6,413,906
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	3,442,979	903,884
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	2,693,032	727,230
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	10,500,000	-4,495,210	-14,071,919
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	13,500,000	-13,022,727	-32,460,710
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	7,040,171	1,897,163
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	23,033,660	2,442,211
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	51,652,932	9,630,255
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	82,488,397	14,725,948
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	5,335,869	4,364,832
24	C3 ECH scheme (60 units)	60	1,200,000	-3,456,645	-4,598,611
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	7,318,468	1,280,042
28	Class E (office) suburban/edge 50% plot ratio - GF	-	150,000,000	5,227,491	914,318
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467

Lower value brownfield Benchmark Land Value (£0.75 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	-9,113,120	-16,739,363
2	Central / urban (300 dph - 100% flats)	300	750,000	-2,791,404	-8,071,158
3	Central / urban (200 dph - 100% flats)	200	750,000	-2,379,290	-5,612,248
4	Central urban (100 dph - 100% flats)	100	750,000	-1,249,959	-3,095,583
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	702,461	-944,365
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	1,199,710	230,188
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	2,182,744	1,417,726
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	1,074,815	326,619
9	Central urban (100 dph - 100% flats)	30	225,000	-476,127	-955,363
10	Central/ outer central (200dph 100% Flats)	40	150,000	-585,918	-1,115,262
11	Central (300 dph - 100% flats)	53	131,250	-1,229,354	-1,924,419
12	Employment-led MU	145	750,000	2,199,664	-3,386,840
13	Employment-led MU	160	6,000,000	27,236,797	1,800,560
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	1,500,000	-217,772	-6,413,906
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	3,442,979	903,884
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	2,693,032	727,230
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	6,750,000	-4,495,210	-14,071,919
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	6,750,000	-13,022,727	-32,460,710
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	7,040,171	1,897,163
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	23,033,660	2,442,211
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	51,652,932	9,630,255
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	82,488,397	14,725,948
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	5,335,869	4,364,832
24	C3 ECH scheme (60 units)	60	600,000	-3,456,645	-4,598,611
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	7,318,468	1,280,042
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	5,227,491	914,318
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467

Greenfield Benchmark Land Value (£0.15 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	-9,113,120	-16,739,363
2	Central / urban (300 dph - 100% flats)	300	250,000	-2,791,404	-8,071,158
3	Central / urban (200 dph - 100% flats)	200	250,000	-2,379,290	-5,612,248
4	Central urban (100 dph - 100% flats)	100	250,000	-1,249,959	-3,095,583
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	702,461	-944,365
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	1,199,710	230,188
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	2,182,744	1,417,726
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	1,074,815	326,619
9	Central urban (100 dph - 100% flats)	30	75,000	-476,127	-955,363
10	Central/ outer central (200dph 100% Flats)	40	50,000	-585,918	-1,115,262
11	Central (300 dph - 100% flats)	53	43,750	-1,229,354	-1,924,419
12	Employment-led MU	145	250,000	2,199,664	-3,386,840
13	Employment-led MU	160	2,000,000	27,236,797	1,800,560
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	500,000	-217,772	-6,413,906
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	3,442,979	903,884
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	2,693,032	727,230
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	1,750,000	-4,495,210	-14,071,919
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	2,250,000	-13,022,727	-32,460,710
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	7,040,171	1,897,163
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	23,033,660	2,442,211
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	51,652,932	9,630,255
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	82,488,397	14,725,948
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	5,335,869	4,364,832
24	C3 ECH scheme (60 units)	60	200,000	-3,456,645	-4,598,611
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	250,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	2,500,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	10,625,000	7,318,468	1,280,042
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	5,227,491	914,318
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	43,750,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	140,000	1,291,228	899,467

Lower Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	150,000	-9,113,120	-16,739,363
2	Central / urban (300 dph - 100% flats)	300	150,000	-2,791,404	-8,071,158
3	Central / urban (200 dph - 100% flats)	200	150,000	-2,379,290	-5,612,248
4	Central urban (100 dph - 100% flats)	100	150,000	-1,249,959	-3,095,583
5	Inner urban (100 dph - 75% flats, 25% houses)	100	150,000	702,461	-944,365
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	150,000	1,199,710	230,188
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	150,000	2,182,744	1,417,726
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	150,000	1,074,815	326,619
9	Central urban (100 dph - 100% flats)	30	45,000	-476,127	-955,363
10	Central/ outer central (200dph 100% Flats)	40	30,000	-585,918	-1,115,262
11	Central (300 dph - 100% flats)	53	26,250	-1,229,354	-1,924,419
12	Employment-led MU	145	150,000	2,199,664	-3,386,840
13	Employment-led MU	160	1,200,000	27,236,797	1,800,560
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	300,000	-217,772	-6,413,906
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	750,000	3,442,979	903,884
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	450,000	2,693,032	727,230
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	1,050,000	-4,495,210	-14,071,919
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	1,350,000	-13,022,727	-32,450,710
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	1,500,000	7,840,171	1,897,163
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	1,063	6,375,000	20,033,660	2,442,211
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	2,500	15,000,000	51,652,932	6,845,855
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats 85% houses	4,375	26,250,000	82,408,397	14,725,646
C2	C2 scheme (84 ensuite spaces, 22 sqm each)		84,000	5,335,869	4,354,832
C3	C3 ECH scheme (80 units)	60	120,000	-3,456,645	-4,598,611
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	150,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	1,500,000	14,269,728	10,520,702
27	Class E (office) central/urban 72% plot ratio - BF		6,375,000	7,316,489	1,580,943
28	Class E (office) suburban/edge 50% plot ratio - GF		15,000,000	1,527,493	914,316
29	Class D/B8 - non-strategic site/urban 42% plot ratio BF		26,250,000	1,007,718	1,259,253
30	Class D/B8 - strategic site/edge of urban 30% plot ratio GF		84,000	2,911,225	899,494

Table 5.4.5: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band E (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT

Aff Hsg: 40%
Mkt value: £4,000 per square metre

Higher Brownfield Benchmark Land Value (£2.5 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	-4,296,766	-11,823,009
2	Central / urban (300 dph - 100% flats)	300	2,500,000	843,905	-4,388,015
3	Central / urban (200 dph - 100% flats)	200	2,500,000	-253,758	-3,482,973
4	Central urban (100 dph - 100% flats)	100	2,500,000	48,683	-1,796,272
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	1,893,559	269,642
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	1,934,414	972,769
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	2,779,718	2,014,828
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	1,597,765	853,136
9	Central urban (100 dph - 100% flats)	30	750,000	-182,908	-662,144
10	Central/ outer central (200dph 100% Flats)	40	500,000	-234,061	-783,405
11	Central (300 dph - 100% flats)	53	437,500	-646,643	-1,541,708
12	Employment-led MU	145	2,500,000	7,475,021	2,020,046
13	Employment-led MU	160	20,000,000	55,325,493	30,080,293
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	5,000,000	4,143,073	-1,942,480
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	5,528,133	2,990,038
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	4,031,548	2,083,741
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	17,500,000	2,194,989	-7,252,689
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	22,500,000	-189,988	-19,312,120
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	11,422,238	6,279,230
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	37,764,887	17,463,896
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	81,687,148	40,460,419
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	130,511,771	64,835,417
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	2,000,000	-2,916,589	-4,058,548
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	14,437,600	8,399,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	10,312,572	5,969,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467

Medium Brownfield Benchmark Land Value (£1.5 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	-4,296,766	-11,823,009
2	Central / urban (300 dph - 100% flats)	300	1,500,000	843,905	-4,388,015
3	Central / urban (200 dph - 100% flats)	200	1,500,000	-253,758	-3,482,973
4	Central urban (100 dph - 100% flats)	100	1,500,000	48,683	-1,796,272
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	1,893,559	269,642
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	1,934,414	972,769
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	2,779,718	2,014,828
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	1,597,765	853,136
9	Central urban (100 dph - 100% flats)	30	450,000	-182,908	-662,144
10	Central/ outer central (200dph 100% Flats)	40	300,000	-234,061	-783,405
11	Central (300 dph - 100% flats)	53	262,500	-646,643	-1,541,708
12	Employment-led MU	145	1,500,000	7,475,021	2,020,046
13	Employment-led MU	160	12,000,000	55,325,493	30,080,293
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	3,000,000	4,143,073	-1,942,480
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	5,528,133	2,990,038
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	4,031,548	2,083,741
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	10,500,000	2,194,989	-7,252,689
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	13,500,000	-189,988	-19,312,120
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	11,422,238	6,279,230
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	37,764,887	17,463,896
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	81,687,148	40,460,419
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	130,511,771	64,835,417
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	1,200,000	-2,916,589	-4,058,548
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	14,437,600	8,399,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	15,000,000	10,312,572	5,969,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467

Lower value brownfield Benchmark Land Value (£0.75 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	-4,296,766	-11,823,009
2	Central / urban (300 dph - 100% flats)	300	750,000	843,905	-4,388,015
3	Central / urban (200 dph - 100% flats)	200	750,000	-253,758	-3,482,973
4	Central urban (100 dph - 100% flats)	100	750,000	48,683	-1,796,272
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	1,893,559	269,642
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	1,934,414	972,769
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	2,779,718	2,014,828
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	1,597,765	853,136
9	Central urban (100 dph - 100% flats)	30	225,000	-182,908	-662,144
10	Central/ outer central (200dph 100% Flats)	40	150,000	-234,061	-783,405
11	Central (300 dph - 100% flats)	53	131,250	-646,643	-1,541,708
12	Employment-led MU	145	750,000	7,475,021	2,020,046
13	Employment-led MU	160	6,000,000	55,325,493	30,080,293
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	1,500,000	4,143,073	-1,942,480
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	5,528,133	2,990,038
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	4,031,548	2,083,741
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	5,250,000	2,194,989	-7,252,689
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	6,750,000	-189,988	-19,312,120
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	11,422,238	6,279,230
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	37,764,887	17,463,896
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	81,687,148	40,460,419
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	130,511,771	64,835,417
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	600,000	-2,916,589	-4,058,548
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	14,437,600	8,399,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	10,312,572	5,969,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467

Greenfield Benchmark Land Value (£0.15 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	-4,296,766	-11,823,009
2	Central / urban (300 dph - 100% flats)	300	250,000	843,905	-4,388,015
3	Central / urban (200 dph - 100% flats)	200	250,000	-253,758	-3,482,973
4	Central urban (100 dph - 100% flats)	100	250,000	48,683	-1,796,272
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	1,893,559	269,642
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	1,934,414	972,769
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	2,779,718	2,014,828
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	1,597,765	853,136
9	Central urban (100 dph - 100% flats)	30	75,000	-182,908	-662,144
10	Central/ outer central (200dph 100% Flats)	40	50,000	-234,061	-783,405
11	Central (300 dph - 100% flats)	53	43,750	-646,643	-1,541,708
12	Employment-led MU	145	250,000	7,475,021	2,020,046
13	Employment-led MU	160	2,000,000	55,325,493	30,080,293
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	500,000	4,143,073	-1,942,480
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	5,528,133	2,990,038
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	4,031,548	2,083,741
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	1,750,000	2,194,989	-7,252,689
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	2,250,000	-189,988	-19,312,120
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	11,422,238	6,279,230
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	37,764,887	17,463,896
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	81,687,148	40,460,419
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	130,511,771	64,835,417
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	200,000	-2,916,589	-4,058,548
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	250,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	2,500,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	10,625,000	14,437,600	8,399,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	10,312,572	5,969,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	43,750,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	140,000	1,291,228	899,467

Lower Greenfield Benchmark Land Value (£0.15 million per hectare)

Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied	
1	Central (500 dph - all flats)	500	150,000	-4,296,766	-11,823,009	
2	Central / urban (300 dph - 100% flats)	300	150,000	843,905	-4,388,015	
3	Central / urban (200 dph - 100% flats)	200	150,000	-253,758	-3,482,973	
4	Central urban (100 dph - 100% flats)	100	150,000	48,683	-1,796,272	
5	Inner urban (100 dph - 75% flats, 25% houses)	100	150,000	1,893,559	269,642	
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	150,000	1,934,414	972,769	
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	150,000	2,779,718	2,014,828	
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	150,000	1,597,765	853,136	
9	Central urban (100 dph - 100% flats)	30	45,000	-182,908	-662,144	
10	Central/ outer central (200dph 100% Flats)	40	30,000	-234,061	-783,405	
11	Central (300 dph - 100% flats)	53	26,250	-646,643	-1,541,708	
12	Employment-led MU	145	150,000	7,475,021	2,020,046	
13	Employment-led MU	160	1,200,000	55,325,493	30,080,293	
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	300,000	4,143,073	-1,942,480	
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	750,000	5,528,133	2,990,038	
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	450,000	4,031,548	2,083,741	
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/Urban)	525	1,050,000	2,194,909	7,252,869	
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	1,350,000	-189,896	-36,113,328	
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses/ 10% flats	200	150,000	11,422,238	6,279,270	
20	Size based > 10 ha - 50% net to gross, 50 dph15% flats /85% houses	1,083	6,375,000	37,764,887	17,463,898	
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	15,000,000	81,687,148	40,460,419	
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	26,250,000	130,511,771	68,835,417	
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	84,000	6,140,328	5,169,299	
24	C3 ECH scheme (60 units)	-	60	120,000	-2,916,600	-4,058,544
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	150,000	11,166,373	9,494,132	
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	150,000	14,269,725	10,570,762	
27	Class E (office) central/inner 70% plot ratio - BF	-	8,375,000	14,437,600	8,399,154	
28	Class E (office) suburban/edge 50% plot ratio - GF	-	15,000,000	10,212,572	6,599,396	
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	26,250,000	1,607,719	1,259,253	
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	84,000	1,291,228	899,494	

Table 5.4.6: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band F (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT			Aff Hsg:		40%
			Mkt value:		£4,250 per square metre
Higher Brownfield Benchmark Land Value (£2.5 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	118,697	-7,485,119
2	Central / urban (300 dph - 100% flats)	300	2,500,000	3,701,031	-1,452,680
3	Central / urban (200 dph - 100% flats)	200	2,500,000	1,667,693	-1,509,774
4	Central urban (100 dph - 100% flats)	100	2,500,000	1,135,511	-692,248
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	3,125,760	1,514,907
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	2,776,125	1,816,480
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	3,491,768	2,727,281
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	2,216,106	1,477,119
9	Central urban (100 dph - 100% flats)	30	750,000	162,526	-314,410
10	Central/ outer central (200dph 100% Flats)	40	500,000	165,442	-381,581
11	Central (300 dph - 100% flats)	53	437,500	-368,106	-1,063,171
12	Employment-led MU	145	2,500,000	8,865,006	3,424,517
13	Employment-led MU	160	20,000,000	58,848,114	31,602,912
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	5,000,000	7,027,997	1,003,572
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	7,114,246	4,575,151
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	5,634,660	3,702,931
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	17,500,000	7,763,117	-1,532,574
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	22,500,000	11,841,840	-6,736,626
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	14,362,847	9,219,639
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	51,158,991	30,975,260
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	109,205,616	68,341,591
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	174,349,710	109,627,768
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	2,000,000	-2,239,845	-3,381,610
25	Student Hsg (studios, equip to 0.5 of 1 bed flat)	325	2,500,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equip to 3 bed flat)	200	25,000,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	14,437,600	8,369,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	250,000,000	10,312,572	5,999,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467
Medium Brownfield Benchmark Land Value (£1.50 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	118,697	-7,485,119
2	Central / urban (300 dph - 100% flats)	300	1,500,000	3,701,031	-1,452,680
3	Central / urban (200 dph - 100% flats)	200	1,500,000	1,667,693	-1,509,774
4	Central urban (100 dph - 100% flats)	100	1,500,000	1,135,511	-692,248
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	3,125,760	1,514,907
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	2,776,125	1,816,480
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	3,491,768	2,727,281
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	2,216,106	1,477,119
9	Central urban (100 dph - 100% flats)	30	450,000	162,526	-314,410
10	Central/ outer central (200dph 100% Flats)	40	300,000	165,442	-381,581
11	Central (300 dph - 100% flats)	53	262,500	-368,106	-1,063,171
12	Employment-led MU	145	1,500,000	8,865,006	3,424,517
13	Employment-led MU	160	12,000,000	58,848,114	31,602,912
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	3,000,000	7,027,997	1,003,572
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	7,114,246	4,575,151
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	5,634,660	3,702,931
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	10,500,000	7,763,117	-1,532,574
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	13,500,000	11,841,840	-6,736,626
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	14,362,847	9,219,639
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	51,158,991	30,975,260
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	109,205,616	68,341,591
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	174,349,710	109,627,768
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	1,200,000	-2,239,845	-3,381,610
25	Student Hsg (studios, equip to 0.5 of 1 bed flat)	325	1,500,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equip to 3 bed flat)	200	15,000,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	14,437,600	8,369,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	150,000,000	10,312,572	5,999,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467
Lower value brownfield Benchmark Land Value (£0.75 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	118,697	-7,485,119
2	Central / urban (300 dph - 100% flats)	300	750,000	3,701,031	-1,452,680
3	Central / urban (200 dph - 100% flats)	200	750,000	1,667,693	-1,509,774
4	Central urban (100 dph - 100% flats)	100	750,000	1,135,511	-692,248
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	3,125,760	1,514,907
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	2,776,125	1,816,480
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	3,491,768	2,727,281
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	2,216,106	1,477,119
9	Central urban (100 dph - 100% flats)	30	225,000	162,526	-314,410
10	Central/ outer central (200dph 100% Flats)	40	150,000	165,442	-381,581
11	Central (300 dph - 100% flats)	53	131,250	-368,106	-1,063,171
12	Employment-led MU	145	750,000	8,865,006	3,424,517
13	Employment-led MU	160	6,000,000	58,848,114	31,602,912
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	1,500,000	7,027,997	1,003,572
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	7,114,246	4,575,151
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	5,634,660	3,702,931
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	5,250,000	7,763,117	-1,632,574
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	6,750,000	11,841,840	-6,736,626
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	14,362,847	9,219,639
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	51,158,991	30,975,260
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	109,205,616	68,341,591
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	174,349,710	109,627,768
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	600,000	-2,239,845	-3,381,610
25	Student Hsg (studios, equip to 0.5 of 1 bed flat)	325	750,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equip to 3 bed flat)	200	7,500,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	14,437,600	8,369,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	10,312,572	5,999,396
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,607,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467
Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	118,697	-7,485,119
2	Central / urban (300 dph - 100% flats)	300	250,000	3,701,031	-1,452,680
3	Central / urban (200 dph - 100% flats)	200	250,000	1,667,693	-1,509,774
4	Central urban (100 dph - 100% flats)	100	250,000	1,135,511	-692,248
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	3,125,760	1,514,907
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	2,776,125	1,816,480
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	3,491,768	2,727,281
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	2,216,106	1,477,119
9	Central urban (100 dph - 100% flats)	30	75,000	162,526	-314,410
10	Central/ outer central (200dph 100% Flats)	40	50,000	165,442	-381,581
11	Central (300 dph - 100% flats)	53	43,750	-368,106	-1,063,171
12	Employment-led MU	145	250,000	8,865,006	3,424,517
13	Employment-led MU	160	2,000,000	58,848,114	31,602,912
14	Size based 2-10 ha - 75% net to gross, 200 dph	300	500,000	7,027,997	1,003,572
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	7,114,246	4,575,151
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	5,634,660	3,702,931
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	1,750,000	7,763,117	-1,532,574
18	Size based 2-10 ha - 75% net to gross, 200 dph	1,350	2,250,000	11,841,840	-6,736,626
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	14,362,847	9,219,639
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	51,158,991	30,975,260
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	109,205,616	68,341,591
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	174,349,710	109,627,768
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	6,140,326	5,169,289
24	C3 ECH scheme (60 units)	60	200,000	-2,239,845	-3,381,610
25	Student Hsg (studios, equip to 0.5 of 1 bed flat)	325	250,000	11,156,373	9,464,132
26	Student Hsg (cluster flats, 4 rooms per cluster, equip to 3 bed flat)	200	2,500,000	14,269,725	10,520,762
27	Class E (office) central/inner 70% plot ratio - BF	-	10,625,000	14,437,600	8,369,154
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	10,312,572	5,999,396
29	Class B2/B8 -				



Table 5.4.7: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band G (40% affordable housing)

Higher Brownfield Benchmark Land Value (£2.5 million per hectare)			Aff Hsg: 40%			Mkt value: £4,500 per square metre		
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied			
1	Central (500 dph - all flats)	500	2,500,000	4,499,800	-2,977,977			
2	Central / urban (300 dph - 100% flats)	300	2,500,000	6,991,692	1,897,705			
3	Central / urban (200 dph - 100% flats)	200	2,500,000	3,602,755	459,389			
4	Central urban (100 dph - 100% flats)	100	2,500,000	2,321,992	519,853			
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	4,240,964	2,630,111			
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	3,473,174	2,511,529			
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	4,064,185	3,303,664			
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	2,718,094	1,979,109			
9	Central urban (100 dph - 100% flats)	30	750,000	434,363	-38,726			
10	Central/ outer central (200dph 100% Flats)	40	500,000	476,196	-66,409			
11	Central (300 dph - 100% flats)	53	437,500	-2,968	-686,031			
12	Employment-led MU	145	2,500,000	13,694,776	8,317,557			
13	Employment-led MU	160	20,000,000	82,724,554	57,479,352			
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	5,000,000	10,979,200	4,977,854			
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	9,093,746	6,554,650			
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	6,931,009	4,999,280			
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	17,500,000	13,837,149	4,677,517			
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	22,500,000	23,101,749	5,091,869			
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	18,508,166	13,365,158			
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	64,964,247	44,800,127			
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	137,368,473	96,757,503			
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	219,385,695	155,004,494			
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	7,204,093	6,233,056			
24	C3 ECH scheme (60 units)	60	2,000,000	-1,738,829	-2,680,794			
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	10,893,509	9,201,269			
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	13,687,381	9,938,417			
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	21,013,914	14,975,468			
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	15,009,938	10,696,763			
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,807,719	1,259,253			
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,487			

Medium Brownfield Benchmark Land Value (£1.5 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	4,499,800	-2,977,977
2	Central / urban (300 dph - 100% flats)	300	1,500,000	6,991,692	1,897,705
3	Central / urban (200 dph - 100% flats)	200	1,500,000	3,602,755	459,389
4	Central urban (100 dph - 100% flats)	100	1,500,000	2,321,992	519,853
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	4,240,964	2,630,111
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	3,473,174	2,511,529
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	4,064,185	3,303,664
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	2,718,094	1,979,109
9	Central urban (100 dph - 100% flats)	30	450,000	434,363	-38,726
10	Central/ outer central (200dph 100% Flats)	40	300,000	476,196	-66,409
11	Central (300 dph - 100% flats)	53	262,500	-2,968	-686,031
12	Employment-led MU	145	1,500,000	13,694,776	8,317,557
13	Employment-led MU	160	12,000,000	82,724,554	57,479,352
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	10,979,200	4,977,854
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	9,093,746	6,554,650
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	6,931,009	4,999,280
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	10,500,000	13,837,149	4,677,517
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	13,500,000	23,101,749	5,091,869
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	18,508,166	13,365,158
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	64,964,247	44,800,127
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	137,368,473	96,757,503
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	219,385,695	155,004,494
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	1,200,000	-1,738,829	-2,680,794
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	15,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,487

Lower value brownfield Benchmark Land Value (£0.75 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	4,499,800	-2,977,977
2	Central / urban (300 dph - 100% flats)	300	750,000	6,991,692	1,897,705
3	Central / urban (200 dph - 100% flats)	200	750,000	3,602,755	459,389
4	Central urban (100 dph - 100% flats)	100	750,000	2,321,992	519,853
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	4,240,964	2,630,111
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	3,473,174	2,511,529
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	4,064,185	3,303,664
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	2,718,094	1,979,109
9	Central urban (100 dph - 100% flats)	30	225,000	434,363	-38,726
10	Central/ outer central (200dph 100% Flats)	40	150,000	476,196	-66,409
11	Central (300 dph - 100% flats)	53	131,250	-2,968	-686,031
12	Employment-led MU	145	750,000	13,694,776	8,317,557
13	Employment-led MU	160	6,000,000	82,724,554	57,479,352
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	1,500,000	10,979,200	4,977,854
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	9,093,746	6,554,650
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	6,931,009	4,999,280
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	5,250,000	13,837,149	4,677,517
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	6,750,000	23,101,749	5,091,869
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	18,508,166	13,365,158
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	64,964,247	44,800,127
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	137,368,473	96,757,503
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	219,385,695	155,004,494
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	600,000	-1,738,829	-2,680,794
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,487

Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	4,499,800	-2,977,977
2	Central / urban (300 dph - 100% flats)	300	250,000	6,991,692	1,897,705
3	Central / urban (200 dph - 100% flats)	200	250,000	3,602,755	459,389
4	Central urban (100 dph - 100% flats)	100	250,000	2,321,992	519,853
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	4,240,964	2,630,111
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	3,473,174	2,511,529
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	4,064,185	3,303,664
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	2,718,094	1,979,109
9	Central urban (100 dph - 100% flats)	30	75,000	434,363	-38,726
10	Central/ outer central (200dph 100% Flats)	40	50,000	476,196	-66,409
11	Central (300 dph - 100% flats)	53	43,750	-2,968	-686,031
12	Employment-led MU	145	250,000	13,694,776	8,317,557
13	Employment-led MU	160	2,000,000	82,724,554	57,479,352
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	500,000	10,979,200	4,977,854
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	9,093,746	6,554,650
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	6,931,009	4,999,280
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	1,750,000	13,837,149	4,677,517
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	2,500,000	23,101,749	5,091,869
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	18,508,166	13,365,158
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	64,964,247	44,800,127
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	137,368,473	96,757,503
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	219,385,695	155,004,494
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	200,000	-1,738,829	-2,680,794
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	250,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	2,500,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	10,625,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	43,750,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	140,000		



Table 5.4.8: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band H (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT				Aff Hsg:	40%
				Mkt value:	£4,750 per square metre
Higher Brownfield Benchmark Land Value (£2.5 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	8,373,105	958,201
2	Central / urban (300 dph - 100% flats)	300	2,500,000	9,557,115	4,495,304
3	Central / urban (200 dph - 100% flats)	200	2,500,000	5,334,439	2,203,578
4	Central urban (100 dph - 100% flats)	100	2,500,000	3,304,406	1,509,928
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	5,326,325	3,715,472
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	4,245,033	3,283,388
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	4,712,557	3,955,796
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	3,286,852	2,547,668
9	Central urban (100 dph - 100% flats)	30	750,000	749,773	277,224
10	Central/ outer central (200dph 100% Flats)	40	500,000	837,165	295,408
11	Central (300 dph - 100% flats)	53	437,500	420,646	268,468
12	Employment-led MU	145	2,500,000	14,952,388	9,583,446
13	Employment-led MU	160	20,000,000	84,112,263	58,867,062
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	5,000,000	13,576,001	7,604,078
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	12,500,000	10,535,108	8,011,769
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	7,500,000	8,400,726	6,468,997
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	17,500,000	18,849,717	9,757,937
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	22,500,000	33,633,546	15,952,039
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	21,206,876	16,063,869
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	77,290,594	57,126,474
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	162,567,837	122,036,720
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	259,632,183	195,246,982
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	7,204,093	6,233,058
24	C3 ECH scheme (60 units)	60	2,000,000	-1,131,940	-2,273,906
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	250,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467
Medium Brownfield Benchmark Land Value (£1.50 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	8,373,105	958,201
2	Central / urban (300 dph - 100% flats)	300	1,500,000	9,557,115	4,495,304
3	Central / urban (200 dph - 100% flats)	200	1,500,000	5,334,439	2,203,578
4	Central urban (100 dph - 100% flats)	100	1,500,000	3,304,406	1,509,928
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	5,326,325	3,715,472
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	4,245,033	3,283,388
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	4,712,557	3,955,796
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	3,286,852	2,547,668
9	Central urban (100 dph - 100% flats)	30	450,000	749,773	277,224
10	Central/ outer central (200dph 100% Flats)	40	300,000	837,165	295,408
11	Central (300 dph - 100% flats)	53	262,500	420,646	268,468
12	Employment-led MU	145	1,500,000	14,952,388	9,583,446
13	Employment-led MU	160	12,000,000	84,112,263	58,867,062
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	13,576,001	7,604,078
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	7,500,000	10,535,108	8,011,769
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	4,500,000	8,400,726	6,468,997
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	10,500,000	18,849,717	9,757,937
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	13,500,000	33,633,546	15,952,039
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	21,206,876	16,063,869
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	77,290,594	57,126,474
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	162,567,837	122,036,720
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	259,632,183	195,246,982
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	7,204,093	6,233,058
24	C3 ECH scheme (60 units)	60	1,200,000	-1,131,940	-2,273,906
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	150,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467
Lower value brownfield Benchmark Land Value (£0.75 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	8,373,105	958,201
2	Central / urban (300 dph - 100% flats)	300	750,000	9,557,115	4,495,304
3	Central / urban (200 dph - 100% flats)	200	750,000	5,334,439	2,203,578
4	Central urban (100 dph - 100% flats)	100	750,000	3,304,406	1,509,928
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	5,326,325	3,715,472
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	4,245,033	3,283,388
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	4,712,557	3,955,796
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	3,286,852	2,547,668
9	Central urban (100 dph - 100% flats)	30	225,000	749,773	277,224
10	Central/ outer central (200dph 100% Flats)	40	150,000	837,165	295,408
11	Central (300 dph - 100% flats)	53	131,250	420,646	268,468
12	Employment-led MU	145	750,000	14,952,388	9,583,446
13	Employment-led MU	160	6,000,000	84,112,263	58,867,062
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	1,500,000	13,576,001	7,604,078
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	3,750,000	10,535,108	8,011,769
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	2,250,000	8,400,726	6,468,997
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	5,250,000	18,849,717	9,757,937
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	6,750,000	33,633,546	15,952,039
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	21,206,876	16,063,869
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	77,290,594	57,126,474
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	162,567,837	122,036,720
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	259,632,183	195,246,982
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	7,204,093	6,233,058
24	C3 ECH scheme (60 units)	60	600,000	-1,131,940	-2,273,906
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467
Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	8,373,105	958,201
2	Central / urban (300 dph - 100% flats)	300	250,000	9,557,115	4,495,304
3	Central / urban (200 dph - 100% flats)	200	250,000	5,334,439	2,203,578
4	Central urban (100 dph - 100% flats)	100	250,000	3,304,406	1,509,928
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	5,326,325	3,715,472
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	4,245,033	3,283,388
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	4,712,557	3,955,796
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	3,286,852	2,547,668
9	Central urban (100 dph - 100% flats)	30	75,000	749,773	277,224
10	Central/ outer central (200dph 100% Flats)	40	50,000	837,165	295,408
11	Central (300 dph - 100% flats)	53	43,750	420,646	268,468
12	Employment-led MU	145	250,000	14,952,388	9,583,446
13	Employment-led MU	160	2,000,000	84,112,263	58,867,062
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	500,000	13,576,001	7,604,078
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	1,250,000	10,535,108	8,011,769
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions, 15% flats / 85% houses	113	750,000	8,400,726	6,468,997
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central Urban)	525	1,750,000	18,849,717	9,757,937
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	2,250,000	33,633,546	15,952,039
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	21,206,876	16,063,869
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	77,290,594	57,126,474
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	162,567,837	122,036,720
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	259,632,183	195,246,982
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	7,204,093	6,233,058
24	C3 ECH scheme (60 units)	60	200,000	-1,131,940	-2,273,906
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	250,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	2,500,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	10,625,000	21,013,914	14,975,468
28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	15,009,938	10,696,763
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	43,750,000	1,807,719	1,259,253
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	140,000	1,291,228	899,467
Lower Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	150,000	8,373,105	958,201
2	Central / urban (300 dph - 100% flats)	300	150,000	9,557,115	4,495,304
3	Central / urban (200 dph - 100% flats)	200	150,000	5,334,439	2,203,578
4	Central urban (100 dph - 100% flats)	100	150,000	3,304,406	1,509,928
5	Inner urban (100 dph - 75% flats, 25% houses)	100	150,000	5,326,325	3,715,472
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	150,000	4,245,033	3,283,388
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	150,000	4,712,557	3,955,796
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	150,000	3,286,852	2,547,668
9	Central urban (100 dph - 100% flats)	30	45,000	749,773	277,224
10	Central/ outer central (200dph 100% Flats)	40	30,000	837,165	295,408
11	Central (300 dph - 100% flats)	53	26,250	420,646	268,468
12	Employment-led MU	145	150,000	14,952,388	9,583,446
13	Employment-led MU	160	1,200,000	84,112,263	58,867,062
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	300,000	13,576,001	7,604,078
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions, 90% houses / 10% flats	100	750,000	10,535,108	8,

Table 5.4.9: Appraisal results incorporating embodied and operation net zero carbon cost allowances – Value Band I (40% affordable housing)

WEST OF ENGLAND - HIGH LEVEL DELIVERABILITY ASSESSMENT				Aff Hsg:	40%
				Mkt value:	£5,100 per square metre
Higher Brownfield Benchmark Land Value (£2.5 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	2,500,000	13,361,340	9,993,579
2	Central / urban (300 dph - 100% flats)	300	2,500,000	12,906,976	7,862,637
3	Central / urban (200 dph - 100% flats)	200	2,500,000	7,596,180	4,492,584
4	Central urban (100 dph - 100% flats)	100	2,500,000	4,599,043	2,804,564
5	Inner urban (100 dph - 75% flats, 25% houses)	100	2,500,000	6,722,677	5,111,824
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	2,500,000	5,208,384	4,248,358
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	2,500,000	5,568,934	4,812,173
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	2,500,000	4,033,683	3,299,842
9	Central urban (100 dph - 100% flats)	30	750,000	1,152,816	680,267
10	Central/ outer central (200dph 100% Flats)	40	500,000	1,311,489	769,810
11	Central (300 dph - 100% flats)	53	437,500	971,154	285,788
12	Employment-led MU	145	2,500,000	16,605,465	11,246,496
13	Employment-led MU	160	20,000,000	85,936,348	60,691,147
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	5,000,000	16,987,250	11,046,887
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	12,500,000	12,435,866	9,932,199
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	7,500,000	10,328,505	8,409,225
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	17,500,000	25,412,661	16,405,902
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	22,500,000	47,346,396	29,850,796
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	25,000,000	24,772,224	19,629,216
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	106,250,000	93,607,956	73,443,836
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	250,000,000	195,865,178	155,334,061
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	437,500,000	312,817,129	248,431,927
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	1,400,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	2,000,000	-346,259	-1,488,224
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	2,500,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	25,000,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	106,250,000	21,013,914	14,075,406
28	Class E (office) suburban/edge 50% plot ratio - GF	-	250,000,000	15,009,936	10,696,768
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	437,500,000	1,807,719	1,259,259
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	1,400,000	1,291,228	899,467
Medium Brownfield Benchmark Land Value (£1.50 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	1,500,000	13,361,340	9,993,579
2	Central / urban (300 dph - 100% flats)	300	1,500,000	12,906,976	7,862,637
3	Central / urban (200 dph - 100% flats)	200	1,500,000	7,596,180	4,492,584
4	Central urban (100 dph - 100% flats)	100	1,500,000	4,599,043	2,804,564
5	Inner urban (100 dph - 75% flats, 25% houses)	100	1,500,000	6,722,677	5,111,824
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	1,500,000	5,208,384	4,248,358
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	1,500,000	5,568,934	4,812,173
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	1,500,000	4,033,683	3,299,842
9	Central urban (100 dph - 100% flats)	30	450,000	1,152,816	680,267
10	Central/ outer central (200dph 100% Flats)	40	300,000	1,311,489	769,810
11	Central (300 dph - 100% flats)	53	262,500	971,154	285,788
12	Employment-led MU	145	1,500,000	16,605,465	11,246,496
13	Employment-led MU	160	12,000,000	85,936,348	60,691,147
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	3,000,000	16,987,250	11,046,887
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	7,500,000	12,435,866	9,932,199
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	4,500,000	10,328,505	8,409,225
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	10,500,000	25,412,661	16,405,902
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	13,500,000	47,346,396	29,850,796
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	15,000,000	24,772,224	19,629,216
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	63,750,000	93,607,956	73,443,836
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	150,000,000	195,865,178	155,334,061
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	262,500,000	312,817,129	248,431,927
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	840,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	1,200,000	-346,259	-1,488,224
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	1,500,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	15,000,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	63,750,000	21,013,914	14,075,406
28	Class E (office) suburban/edge 50% plot ratio - GF	-	150,000,000	15,009,936	10,696,768
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	262,500,000	1,807,719	1,259,259
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	840,000	1,291,228	899,467
Lower value brownfield Benchmark Land Value (£0.75 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	750,000	13,361,340	9,993,579
2	Central / urban (300 dph - 100% flats)	300	750,000	12,906,976	7,862,637
3	Central / urban (200 dph - 100% flats)	200	750,000	7,596,180	4,492,584
4	Central urban (100 dph - 100% flats)	100	750,000	4,599,043	2,804,564
5	Inner urban (100 dph - 75% flats, 25% houses)	100	750,000	6,722,677	5,111,824
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	750,000	5,208,384	4,248,358
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	750,000	5,568,934	4,812,173
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	750,000	4,033,683	3,299,842
9	Central urban (100 dph - 100% flats)	30	225,000	1,152,816	680,267
10	Central/ outer central (200dph 100% Flats)	40	200,000	1,311,489	769,810
11	Central (300 dph - 100% flats)	53	131,250	971,154	285,788
12	Employment-led MU	145	750,000	16,605,465	11,246,496
13	Employment-led MU	160	6,000,000	85,936,348	60,691,147
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	1,500,000	16,987,250	11,046,887
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	3,750,000	12,435,866	9,932,199
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	2,250,000	10,328,505	8,409,225
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	5,250,000	25,412,661	16,405,902
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	6,750,000	47,346,396	29,850,796
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	7,500,000	24,772,224	19,629,216
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	31,875,000	93,607,956	73,443,836
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	75,000,000	195,865,178	155,334,061
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	131,250,000	312,817,129	248,431,927
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	420,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	600,000	-346,259	-1,488,224
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	750,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	7,500,000	13,687,381	9,938,417
27	Class E (office) central/inner 70% plot ratio - BF	-	31,875,000	21,013,914	14,075,406
28	Class E (office) suburban/edge 50% plot ratio - GF	-	75,000,000	15,009,936	10,696,768
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	131,250,000	1,807,719	1,259,259
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	420,000	1,291,228	899,467
Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	250,000	13,361,340	9,993,579
2	Central / urban (300 dph - 100% flats)	300	250,000	12,906,976	7,862,637
3	Central / urban (200 dph - 100% flats)	200	250,000	7,596,180	4,492,584
4	Central urban (100 dph - 100% flats)	100	250,000	4,599,043	2,804,564
5	Inner urban (100 dph - 75% flats, 25% houses)	100	250,000	6,722,677	5,111,824
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	250,000	5,208,384	4,248,358
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	250,000	5,568,934	4,812,173
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	250,000	4,033,683	3,299,842
9	Central urban (100 dph - 100% flats)	30	75,000	1,152,816	680,267
10	Central/ outer central (200dph 100% Flats)	40	50,000	1,311,489	769,810
11	Central (300 dph - 100% flats)	53	43,750	971,154	285,788
12	Employment-led MU	145	250,000	16,605,465	11,246,496
13	Employment-led MU	160	2,000,000	85,936,348	60,691,147
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	500,000	16,987,250	11,046,887
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	1,250,000	12,435,866	9,932,199
16	Size based 2-10 ha - 75% net to gross, 50 dph suburban/extension assumptions. 15% flats / 85% houses	113	750,000	10,328,505	8,409,225
17	Size based 2-10 ha - 75% net to gross, 100 dph (Central/ Urban)	525	1,750,000	25,412,661	16,405,902
18	Size based 2-10 ha - 75% net to gross, 200 dph)	1,350	2,250,000	47,346,396	29,850,796
19	Size based > 10 ha - 50% net to gross, 40 dph 90% houses 10% flats	200	2,500,000	24,772,224	19,629,216
20	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	1,063	10,625,000	93,607,956	73,443,836
21	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	2,500	25,000,000	195,865,178	155,334,061
22	Size based > 10 ha - 50% net to gross, 50 dph 15% flats /85% houses	4,375	43,750,000	312,817,129	248,431,927
23	C2 scheme (84 ensuite spaces, 22 sqm each)	-	140,000	7,204,093	6,233,056
24	C3 ECH scheme (60 units)	60	200,000	-346,259	-1,488,224
25	Student Hsg (studios, equiv to 0.5 of 1 bed flat)	325	250,000	10,893,509	9,201,269
26	Student Hsg (cluster flats, 4 rooms per cluster, equiv to 3 bed flat)	200	2,500,000	13,687,381	9,938,417
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28	Class E (office) suburban/edge 50% plot ratio - GF	-	25,000,000	15,009,936	10,696,768
29	Class B2/B8 - non-strategic site/urban 42% plot ratio BF	-	43,750,000	1,807,719	1,259,259
30	Class B2/B8 - strategic site/edge of urban 30% plot ratio GF	-	140,000	1,291,228	899,467
Lower Greenfield Benchmark Land Value (£0.15 million per hectare)					
Site ref	Site	No of units	BLV	NZC Operational Only	NZC Operational and Embodied
1	Central (500 dph - all flats)	500	150,000	13,361,340	9,993,579
2	Central / urban (300 dph - 100% flats)	300	150,000	12,906,976	7,862,637
3	Central / urban (200 dph - 100% flats)	200	150,000	7,596,180	4,492,584
4	Central urban (100 dph - 100% flats)	100	150,000	4,599,043	2,804,564
5	Inner urban (100 dph - 75% flats, 25% houses)	100	150,000	6,722,677	5,111,824
6	Sub'n and mkt tw'n centres (70 dph - 68% flats, 32% houses)	70	150,000	5,208,384	4,248,358
7	Sub'n, mkt tw'n, urban ext'n (50 dph - 15% flats, 85% houses)	50	150,000	5,568,934	4,812,173
8	Rural - 40 dph - (90% Houses/ 10% flats)	40	150,000	4,033,683	3,299,842
9	Central urban (100 dph - 100% flats)	30	45,000	1,152,816	680,267
10	Central/ outer central (200dph 100% Flats)	40	30,000	1,311,489	769,810
11	Central (300 dph - 100% flats)	53	26,250	971,154	285,788
12	Employment-led MU	145	150,000	16,605,465	11,246,496
13	Employment-led MU	160	1,200,000	85,936,348	60,691,147
14	Size based 2-10 ha - 75% net to gross, 200 dph)	300	300,000	16,987,250	11,046,887
15	Size based 2-10 ha - 50% net to gross, 40 dph rural assumptions. 90% houses / 10% flats	100	750,000	12,435,866	9,932,199

6 Conclusions

This report tests the viability of 30 development typologies reflecting the types of schemes that the Authority expects to come forward over the life of the emerging SDS.

The results of our appraisals indicate that all of the typologies are viable and able to contribute to both affordable housing requirements and infrastructure funding through CIL. However, the amounts of both vary significantly between different parts of the UAs, with viability being more limited in the low value areas.

It is important to note that this is a high level test of viability undertaken in the absence of detailed site-specific designs. Specific sites may have different characteristics and bulk and massing which differ from those tested.

Following the adoption of the SDS in due course, we advise that the UAs will need to undertake further viability testing as they progress their plans. This will need to include consideration of site constraints and how supporting infrastructure will be funded. It is generally appropriate to assume that the vast majority of the costs of strategic infrastructure will be met through other sources such as central government funding settlements and the Combined Authority Investment Fund. Such testing would model refined inputs and could test deferred / phased land payments, rental values and impacts of employment and other uses and so on.