

## Financial Viability Assessment for Wrenbridge COLWORTH PARK SHARNBROOK MK44 1LQ

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#### 1 INTRODUCTION

- 1.1 We have been instructed by Wrenbridge (the Promoter) to provide an assessment of the economic viability and deliverability of their proposed residential led scheme at the Colworth site in Sharnbrook, which can embrace the Garden Village concept.
- 1.2 Viability testing is an important part of the Development Plan making process. The requirement to assess viability forms part of the National Planning Policy Framework (NPPF) and is a requirement of the CIL Regulations. In each case the requirement is slightly different but the common theme is that viability testing at Development Plan level is based on reasonable benchmark thresholds in relation to the majority of inputs, including sales values, build costs and land values. Area wide testing does not generally account for 'abnormal costs' nor enabling costs and assumes cleared sites ready for development to commence.
- 1.3 It should be noted that scheme specific viability testing is not usually undertaken at this stage of the planning process. Scheme specific viability testing requires a greater level of detailed information than viability testing undertaken as part of the Development Plan making process. The obvious difficulty in undertaking scheme specific viability testing at this stage of the development process is that detailed information necessary to test viability is often not sufficiently progressed in order to undertake meaningful testing.
- 1.4 The purpose of this report is therefore to consider, in an open book format, an initial high level financial viability of the proposed scheme that demonstrates viability and deliverability at policy compliant levels of affordable housing and financial Section 106 contributions. The scheme is still at an early stage in terms of specific design and detailed layout which therefore requires us to make a number of high level assumptions in order to carry out viability testing. It will clearly be necessary to treat the viability of the scheme as a live issue which will evolve during the planning process.
- 1.5 In preparing this viability report we have considered the Bedford Borough Council (BBC) Local Plan (January 2020), as well as Bedford Council's Planning Obligations SPD (Adopted July 2013).
- 1.6 The financial viability assessment (FVA) considers the total value of the completed scheme and the total cost of its delivery, using recognised residual appraisal software - Argus Developer. In accordance with standard viability methodology, the resulting residual land value is then compared with an appropriate benchmark value to determine the scheme's viability whilst ensuring that the scheme delivers competitive returns to both the land owner and developer in line with requirements set out in the National Planning Policy Framework (NPPF).
- 1.7 The advice set out in this report is provided in the context of negotiating planning obligations and therefore in accordance with PS 1 of the RICS Valuation - Global Standards (November 2019) incorporating the IVSC International Valuation Standards (Red Book), the provisions of VPS 1 - 5 are not of mandatory application and accordingly this report should not be relied upon as a Red Book Valuation.
- 1.8 Specifically we would state:
  - Our advice and opinions contained herein are given without liability, therefore falling outside the scope of the requirement of the RICS Valuation Global Standards November 2019 Edition.
  - We have not conducted a full survey, inspection and measurement nor undertaken all the necessary enquiries required in providing a Red Book Valuation.

- 1.9 In accordance with the RICS Financial Viability in planning: conduct and reporting (May 2019) (FVIP), in preparing this report we have acted with objectivity and impartially, without interference and with reference to all appropriate available sources of information. This report fully complies with the requirements set out in FVIP.
- 1.10 Our terms of engagement are attached in Appendix 1, which confirm that no performancerelated or contingent fees have been agreed in this instruction. We confirm that no conflict or risk of conflict of interest exists.

We have been provided with, and relied upon, the following key information:

- Design report prepared by Planit.
- Detailed Cost Plan provided by Gardiner and Theobald.

#### 2 NON-TECHNICAL SUMMARY

- 2.1 This non-technical summary presents an overview of the FVA and a summary of the viability position.
- 2.2 We have established that the scheme delivering 30% affordable housing generates a Gross Development Value (NDV) of £1.558 billion. The total costs for delivering the scheme is £1.323 billion. We have assumed a developer return of £235 million which equates to 15.12% return on GDV. When delivering 30% affordable housing, the scheme generates a residual land value of £ million.
- 2.3 We calculate that the Existing Use Valuation (EUV) of the site is final million. Our benchmark land value of the site is therefore final million. The table below summarises the viability position.

Assumption	Adopted Amount
GROSS DEVELOPMENT VALUE	£1.558 billion
Less	Less
DEVELOPMENT COSTS	£1.323 billion
less	Less
PROFIT	£235 million
equals	Equals
RESIDUAL LAND VALUE	f million
compared to	compared to
APPROPRIATE BENCHMARK VALUE (Including Premium)	f
Equals	Equals
DEFICIT	-f million

2.4 When the residual land value of the proposed scheme delivering 30% affordable housing of final million is compared against the Benchmark land value of final million, this produces a nominal deficit of final million. We therefore conclude that the scheme can viably deliver policy compliant levels of affordable housing.

#### 3 BACKGROUND

- 3.1 The 445 hectare site is located in the village of Sharnbrook, 9 miles to the north of Bedford in the county of Bedfordshire and is 30 miles west of Cambridge.
- 3.2 The site wraps around Colworth Science Park which is a leading site for commercial research and development and home to Unilever's Global Research & Development Centres into Refreshment Technology as well their Safety and Environmental Assurance Centre. The science park is also home to other growing business organisations and academic research groups. Regionally, Colworth Science Park is one of the most important assets in Food and Drink Research and Development for the South East Midlands. Unilever alone employ over 600 highly qualified staff onsite from over 30 countries.
- 3.3 The promotion site is largely open farmland and grassland with several areas of woodland. There are two designated heritage assets within the promotion site, comprising two Grade II listed farmhouses.
- 3.4 Rapleys were previously instructed by the promoter in 2017 to provide a high level initial assessment of the economic viability and deliverability of the promotion site with a view to being allocated as a strategic site in the Emerging Draft Submission Bedford Borough Local Plan. BBC commissioned BNP Paribas Real Estate to advise on the Financial Viability information that was submitted and as part of the review of the financial viability information, AECOM were appointed to advise on the adopted development costs (including Section 106 costs) and programme. A copy of the Construction Cost Analysis No.4 is attached as **Appendix 2** to this report.

#### 4 THE SITE

- 4.1 The site is located within the borough of Bedford and is bounded by arable land on the South Western and North Western boundary whilst a railway line runs along segments of the North Eastern boundary. Sharnbrook village is located on the perimeter of the South Eastern corner of the site whilst Santa Pod race course is located on perimeter of the North Western corner. A Site Location Plan and Site Plan are included within application and identify the land which is the subject of this application.
- 4.2 In terms of road connectivity, the A6 provides links to the North via the A45 Northampton and the M1 motorway (Junctions 15 and 16) and the A14 to the Midlands. The A6 to the south of Sharnbrook provides a fast and easy route into Bedford town centre for rail connections, and via the A421 to the M1 (Junction 13) and the A428 to the A1.
- 4.3 For rail, Bedford Midland and Thameslink provide regular services to London St Pancras International and King's Cross Stations, with fast services taking only 37 minutes from Bedford Station.

#### 5 ASSUMPTIONS

- 5.1 In undertaking this report, unless otherwise specifically stated, we have made the following assumptions:
  - We assume that the site is held freehold with vacant possession and free from all encumbrances such as onerous covenants, easements and rights of way.
  - We assume that there are no items that could lead to adverse development costs such as contamination, adverse ground conditions, right of light issues or the designation of an area of archaeological significance.
  - We assume that the site does not fall within a flood zone and therefore no overly onerous costs are required to deal with flood prevention measures.
  - We have not arranged nor undertaken any investigations to determine whether or not any deleterious sub-standard or hazardous materials have been used in the construction, services or finishes of the existing structures or have been since incorporated.
  - We have assumed that the site will be adopted as part of the local plan and planning permission will be granted for the development as described in Section 7 below.
- 5.2 If any of these assumptions prove to be incorrect they could have a significant impact on our conclusions.

#### 6 PROPOSED DEVELOPMENT

- 6.1 The scheme proposes to deliver 4,508 residential dwellings (including market and affordable homes) centred around mixed use hubs consisting of a secondary school, primary schools, retail, leisure and business uses; additional employment land; formal and informal open play space including allotments and playing fields, and new access roads directly on to the A6. Full details relating to the proposed masterplan design and indicative layout can be found in the Design report prepared by Planit on behalf of Wrenbridge and Unilever and submitted to the Council. In summary, the masterplan proposals comprise:
  - 4,508 mixed tenure dwellings.
  - Circa 7ha of employment land allowing for the expansion of the Science Park.
  - Associated social and community infrastructure, including primary schools and local shops.
  - Associated green and blue infrastructure including the retention of existing woodland habitat, golf course and the creation of new habitat, playing fields, SUDS features, bunds and landscaping within a 'country park.'
  - Two new access roads to the A6 including the creation of a new access from the Science Park through the development, and an assumption that access to Santa Pod will also be made available along the Forty Foot Lane route.
  - A parkway railway station which would have two platforms, pedestrian footbridge, passenger waiting facilities, bus interchange and parking for some 500 cars and cycles. This will provide a Rail shuttle service between Colworth and Bedford

- 6.2 The development of the masterplan has been influenced by three main drivers:
  - Garden Village principles
  - Existing rural context and heritage
  - Noise mitigation.
- 6.3 The current masterplan provides for the following headline areas:

	Size (Hectares)	Size (Acres)
Red Line Site Area	445.0	1,099
Net Developable Area	147	363

- 6.4 The Net Developable Area (NDA) is 33% of the total site area.
- 6.5 The layout of the development is largely shaped by the landscape features. The development blocks are designed as perimeter blocks that will include outward facing properties at the edge and private gardens in the interior. The form of the development edges will be defined by the green corridors.
- 6.6 Overall density and scale within the development will be determined by different zones of exposure from the range of events at Santa Pod and effective noise mitigation measures will be assigned to the different character areas of the concept plans.

#### **RESIDENTIAL ZONES**

- 6.7 As an overview the current proposals are to create three zones over two main development phases which will deliver the necessary infrastructure and appropriate facilities over the development timeline. We set out further details about the delivery of the masterplan scheme below.
- 6.8 Zone 1 is closest to Santa Pod Raceway and has the greatest risk of disturbance from event noise. Zone 1 incorporates a series of acoustic measures and noise mitigation measures including a landscaped earth bund along the perimeter of the site and close to the development plots to screen the dwellings from Santa Pod Raceway.
- 6.9 Residential housing typologies in zone 1 are proposed to allow for the relevant acoustic mitigation measures combined with garden village principles. The Design Report intimates circa three storey buildings with some four storey buildings providing 1 and 2-bedroom apartments. The three storey buildings would be a mixture of townhouses and apartment buildings.
- 6.10 Zone 2 is located further from Santa Pod Raceway and will experience some inherent noise protection from the buildings within Zone 1 and the increased distance. Zone 2 will comprise predominantly 2 2.5 storeys buildings with occasional 3 storey buildings. There will be some terraced Clusters comprising 2 and 3-bedroom dwellings, mews housing providing 2 bedroom dwellings and paired villas providing 3 bedroom dwellings.

- 6.11 Zone 3 is the furthest part of the development from Santa Pod Raceway and has the least risk of disturbance from events at the venue. The zone will comprise 2 2.5 storeys along primary routes, 1 2 storey dwellings in courtyard areas, semi-detached homes providing transition between Zone 2 and 3 and large detached homes that are organised around semi-private courtyards. In terms of building typologies, there will be paired villas comprising 3-bedroom dwellings, 4 bedroom barn houses as well as 5 bedroom garden houses.
- 6.12 In order to carry out appropriate viability calculations, it is necessary to establish floor areas for the proposed residential units. This is necessary in order to consider sales value which inform the Gross Development Value (GDV) as well as build costs and associated professional fees and developer's return. At this stage we have no confirmed mix of unit types or sizes and we have therefore had to make reasonable assumptions.
- 6.13 As outlined above, it is proposed that the residential accommodation will be provided in a mix of 1 and 2-bedroom flats and 2, 3, 4 and 5-bedroom houses. These will be arranged in combinations of low level blocks of flats and terraces, semi-detached, detached houses. The exact layout and arrangement will of course be determined through a more detailed design phase but the vision is to provide a range of housing types and sizes to meet local needs.
- 6.14 We set out below our current mix of unit types. We have carried out investigations into average unit sizes per unit type and have applied these in the table below to arrive at a total Gross Internal Area (GIA) for the residential element of the masterplan.

Unit Type	% Units	No. of Units	Individual Unit Area (Sq ft)
1B Flat	5%	225	550
2B Flat	5%	226	700
2B3P House	9%	405	780
2B4P House	9%	406	900
3B4P House	41%	1848	1,100
4B5P House	27%	1217	1,400
5B6P House	4%	181	2,000
Total	100%	4,508	

- 6.15 Following consultation with Planit, we have assumed that 10% of the total residential dwellings will be provided as flats provided in three and four storey buildings concentrated around zones 1 and zones 2.
- 6.16 At this stage there are no confirmed specifications for the new houses and therefore we have made reasonable assumptions in this regard. As previously mentioned, residential housing typologies in zone 1 are proposed to allow for the relevant acoustic mitigation measures combined with garden village principles. We have assumed that the specifications will be of a good quality and in keeping with other new build units on sale in the surrounding area. We assume that the various units will have adequate headroom and will provide good natural

light. We assume that all units will be provided with a minimum 10 year NHBC or similar guarantee upon completion. We assume that all external areas will be finished with suitable landscaping in keeping with a development of this size.

#### DEVELOPMENT AREAS

- 6.17 The proposed masterplan scheme is residential led but as set out above there is a wide range of commercial, community, employment, recreational, educational and open spaces incorporated within the proposals.
- 6.18 The three zones will be centred around mixed use hubs consisting of 3 No. Mixed Use Local Centres and employment space. The total area (hectares) for the employment and mixed use local centres is detailed in the schedule of development areas below.

Area	Hectares	Acres
Employment Areas	7.25	17.9
Mixed Use Local Centres	3.85	9.5

6.19 At this stage of the design process there are no further details on the specific arrangement or floor areas for the Employment and Mixed Use Local Centres. With regard to the financial modelling of these areas we have applied benchmark land values. We expand on this further down in the report.

#### GREEN INFRASTRUCTURE

6.20 In addition to the developable area of the site, there will be informal open play space including allotments, sports pitches, a pre-existing golf course, woodland, grassland, attenuation ponds and new access roads directly on to the A6.

#### **DEVELOPMENT PHASING**

6.21 Broadly, the development will be delivered in two phases:

Phase 1	<ul> <li>New Train Station</li> <li>Noise bunding</li> <li>Country Park</li> <li>A6 Junction</li> <li>2,132 Residential Units</li> <li>45 self build plots</li> <li>2 x 2FE Primary Schools</li> <li>1 x Secondary School (pending timing requirements of the Council)</li> <li>Mixed Use Local Centre comprising Class E Uses (formerly A1-A5, B1 and D1) including community hall and convenience store</li> <li>Provision of 7.25ha of Employment Land</li> <li>Associated Open Spaces/Green Infrastructure</li> </ul>
Phase 2	<ul> <li>2,376 Residential Units</li> <li>1 x 3FE Primary School</li> <li>1 x 2FE Primary School</li> <li>Mixed Use Local Centre comprising Class E Uses (formerly A1-5, B1, D1 Uses) including community hall and convenience store</li> <li>Associated Open Spaces / Green Infrastructure</li> </ul>

#### 7 INTRODUCTION TO VIABILITY

- 7.1 In preparing our advice we have paid regard to Paragraph 57 of the National Planning Policy Framework (NPPF) July 2018, the Viability Guidance prepared by the Ministry of Housing, Communities & Local Government that sits alongside the NPPF, RICS Professional Statement "Financial Viability in Planning: conduct and reporting (First Edition) May 2019" (FVIP).
- 7.2 The Viability Guidance prepared alongside the 2018 NPPF at Paragraph: 010 Reference ID: 10-010-20180724 states:

"Viability assessment is a process of assessing whether a site is financially viable, by looking at whether the value generated by a development is more than the cost of developing it. This includes looking at the key elements of gross development value, costs, land value, landowner premium, and developer return."

7.3 The NPPF and updated Viability guidance note advocates the use of viability assessments at the plan-making, rather than the decision-taking, stage. Specifically, paragraph 57 of the recently published NPPF details:

"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."

- 7.4 The NPPF therefore puts the responsibility on the applicant to demonstrate whether particular circumstances justify the need for a viability assessment. In terms of the weight given to an assessment this is now a matter for the decision maker having regard to the all of the circumstances in the case. The decision maker needs to pay regard to whether the plan and the viability evidence underpinning it are up to date.
- 7.5 The new NPPF seeks to move the focus of viability studies to the plan making stage. Policy requirements, particularly for affordable housing, should be set at a level that takes account of affordable housing and infrastructure needs and allows for the planned types of sites and development to be deliverable, without the need for further viability assessment at the decision making stage. Given that the NPPF was published in July 2018 and subsequently updated in February 2019, the process of preparing viability evidence to underpin local plans is still in its initial stages. Therefore considerable weight needs to be given to viability submissions prepared at the application stage.
- 7.6 Planning policy obligations should not be overly onerous nor undermine the deliverability of an application. Having engaged with the Local Planning Authority, we have established that there is a requirement for a Financial Viability Assessment to validate the Planning Application.
- 7.7 Paragraph 57 goes on to say:

"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."

7.8 This viability assessment, with respect to the assessment of the proposed residential scheme, follows the recommended approach detailed in the Viability Guidance Note including the adoption of the standardised inputs. It is therefore reasonable and accords with policy requirements. With regard to our approach to the assessment of the benchmark land value, this is set out further down in the report.

- 7.9 A scheme is considered viable, in planning terms, if the Gross Development Value is equal to, or in excess of, the sum of the site value, the cost of development, the cost of the planning obligations and the cost of providing a competitive return to a developer and willing landowner
- 7.10 In summary, the viability assessment process is as follows:

#### GROSS DEVELOPMENT VALUE

less

COSTS

less

#### PLANNING CONTRIBUTIONS

less

#### PROFIT

#### equals

#### **RESIDUAL LAND VALUE**

#### compared to

#### APPROPRIATE BENCHMARK VALUE

#### 8 VIABILITY APPROACH

- 8.1 We have considered the acceptable level of profit required by a developer and tested whether once the anticipated revenue and all the costs, including planning obligations, likely to be incurred in bringing the development forward are taken into account, a residual land value can be generated that is in excess of an appropriate benchmark land value.
- 8.2 The PPG guidance on Viability that supplements the NPPF advocates that for the purpose of plan making an assumption of 15-20% of gross development value (GDV) may be considered a suitable return to developers in order to establish the viability of plan policies. Plan makers may choose to apply alternative figures where there is evidence to support this according to the type, scale and risk profile of planned development. A lower figure may be more appropriate in consideration of delivery of affordable housing in circumstances where this guarantees an end sale at a known value and reduces risk. Alternative figures may also be appropriate for different development types.
- 8.3 In this context we have had regard to the current residential development market, the significant infrastructure provision required to deliver the proposed scheme and the economic circumstances and are of the opinion that a willing developer would require a minimum return of 17.5% of the GDV. We assess profit on any affordable tenure units at 6% on GDV. Together this produces a blended profit of 15.15% on GDV for the scheme delivering policy compliant levels of affordable housing.
- 8.4 We have appraised the scheme based on these profit assumption to test whether the resultant residual land value would provide the landowner with a competitive return and result in a viable scheme.
- 8.5 We have used Argus Visual Developer Version 8.1 (Argus) to appraise the development proposals. Argus is a commercially available development appraisal package in widespread use throughout the industry. It has been accepted by the majority of local authorities for the

purpose of viability assessments and has also been accepted at planning appeals. Banks also consider Argus to be a reliable tool for secured lending purposes.

#### 9 APPRAISAL INPUTS

- 9.1 The development proposals at this stage are high level and therefore the financial viability information submitted is in turn based on a number of high level assumptions. These assumptions will be refined as the development proposals for the site/sites selected for allocation are evolved. In turn the financial viability assumptions will further be refined.
- 9.2 We have adopted inputs that reflect cost and values as at the date of this report but there is a possibility that our assumptions may change in accordance with the market as the scheme evolves and further information comes to light. We set out below our assumptions in respect of these inputs.

#### 10 PRIVATE UNIT SALES VALUES

- 10.1 We have undertaken recent research into residential comparable evidence in proximity to the site for new build schemes as well as the second hand market. This is attached at Appendix 3 in support of the values we have adopted in this report.
- 10.2 There is a lack of comparable, large scale developments in close vicinity to the subject site but we have collected a range of comparables from sites in the wider Bedfordshire and Buckinghamshire area.
- 10.3 The proposed development at Colworth Park will provide high quality housing in a low density scheme which will be delivered in a garden village. This will include the delivery of a new railway station which will provide a connection for the Thameslink service into London, which is a significant "USP" of the proposed development. In light of the place making nature of the development and the improved infrastructure connections, the table below details the individual average unit pricing that has informed the blended sales rate of £345 psf.

Unit Type	Individual Unit Area (Sq ft)	Average Unit Price	Rate psf
1B2P Apartment	550	£180,000	£327
2B Apartment	700	£230,000	£329
2B3P House	780	£280,000	£359
2B4P House	900	£310,000	£344
3B4P House	1,100	£370,000	£336
4B5P House	1,400	£500,000	£357
5B6P House	2,000	£650,000	£325

10.4 For the self-build plots, we have assumed a per plot value of £50,000 per plot.

#### 11 AFFORDABLE HOUSING VALUES

- 11.1 In order to consider the financial viability of the proposed scheme we have in the first instance had regard to the following Council's documents:
  - Bedford Council's Planning Obligations SPD Adopted July 2013.
  - BBC Local Plan (January 2020).
  - Bedford Borough Council Development Plan Document Core strategy & Rural Issues plan
     April 2008.
- 11.2 Policy 58S of the Local Plan details that sites of 10 or more residential units or 0.5 hectares or more will provide 30% affordable housing with 78% of the dwellings as social or affordable rented properties and the remainder (22%) as other forms of affordable housing.
- 11.3 The policy continues that affordable rents will be 80% of open market rents but a lower percentage should be set where this would preclude access to housing benefit. Policy 58S of also details that shared ownership should be offered on the basis of a range of initial share purchases from 25% 80%.
- 11.4 In light of this, we have adopted Bedford's adopted affordable housing policy, which states that the scheme should ideally provide 30% affordable housing, assuming a split of 78% affordable rent and 22% intermediate sale (shared ownership). The delivery of residential units by tenure type would therefore be:

Tenure	Units	% Delivery
Private	3,156	70.0%
Affordable Rent	1,055	23.4%
Shared Ownership	298	6.6%
TOTAL	4,508	100%

11.5 Based on our market knowledge and experience of affordable housing values at similar schemes, we have adopted values of £200 per sq ft for the affordable rent units and £245 per sq ft for the shared ownership units which equates to a blended average of £210 per sq ft or 61% of private sale values.

#### 12 COMMERCIAL LAND VALUES

12.1 At this stage there is no detailed information regarding the design, layout and floor areas for the commercial and employment elements of the scheme. We therefore consider the value of these elements by reference to land values on a per acre basis. This is a standard assumption made when undertaking viability testing for Development Plans.

#### EMPLOYMENT LAND APPRAISAL ASSUMPTIONS

- 12.2 The scheme currently proposes to deliver circa 7.25 hectares / 17.9 acres of employment land. The majority of this employment space will be provided in connection with the expansion of the existing Colworth Park. There is a strong desire from both the Promoter and Unilever to see Colworth Science Park continue to grow and establish itself as a centre of excellence for Food Science. This includes aspirations to enhance the education offering and meeting the industry's skills gap by developing a University Technical College on the site which is supported by the country's leading food companies including Unilever, PepsiCo, Aria, Warburtons and Waitrose.
- 12.3 In order to value the employment land, we have assumed the proposed uses these would predominately fall within former B1 planning Uses (now planning E class) (Offices, research

and development of products and processes, light industry appropriate in a residential area). We have assumed that each acre of employment land will deliver circa 20,000 sq ft of employment space.

- 12.4 At this stage we have adopted an average rent for offices, light industrial units and research laboratories at £15 per sq ft. This is based on research undertaken into the Northamptonshire Office Market, details of which are attached at Appendix 4.
- 12.5 The capitalisation rate is dependent on a number of factors that are currently difficult to predict. However, at this stage we are of the opinion that a yield in the region of 6%-7% is appropriate. We adopt 6.5% for the purpose of our appraisal.
- 12.6 We have then undertaken a development appraisal attached at Appendix 5. We have assumed build costs of £125 per sq ft based on BCIS research, which is attached at Appendix 6. Professional fees, finance and profit inputs are based on standard market assumptions.
- 12.7 The appraisal attached calculates a per acre land value of circa £585,000. When applied to the site area totaling 17.9 acres, equates to an overall site value for the employment land of £10.47 million.

#### MIXED USE LOCAL CENTRE ASSUMPTIONS

- 12.8 At this stage there is no detailed information regarding the design, layout and floor areas for the Mixed Use Centres that will be provided across the scheme. The assumptions in respect of the Local Centres are that they will provide a broad range of uses which include formerly A1-A5, B1 and D1 Uses. They are likely to incorporate convenience stores as well as community uses.
- 12.9 We have experience in providing agency, valuation and viability advice in connection with Local Centres across the country. The valuation of these centres is entirely dependent on the mix of uses that are included, the size of the units and the location of the scheme. For example we act for Henry Davidson Developments (HDD), who are specialists in delivering local centers within large residential regeneration projects, and in recent years have provided agency and viability advice for their schemes in Newton Leys (Milton Keynes) and Didcott, both part of wider Taylor Wimpey schemes. Both of these Local Centres have a mix of different uses, for example the scheme at Newton Leys has a large convenience store, a pubic house, children's nursery, care home, retail units and 30 residential units in a mix of houses and flats. The scheme in Didcott had 10 small retail units, a convenience store and 15 flats above the shops. The resulting land value of these two local centres was entirely different.
- 12.10 Our assessment of the value of the Local Centres in the proposed scheme is £500,000 per acre and is based on our experience in the market and takes into account the current broad range of uses proposed. We have obtained a number of commercial land transactions in the FVA at Appendix 7. Our current assessment is at the mid to upper end of the current evidence. We will of course refine our value assumptions as more information comes to light.

#### HEALTH CARE FACILITY ASSUMPTIONS

- 12.11 Our high level basis of value for the Primary Healthcare Facility is made with reference to an initial 500 sqm estimate. This is equal to 0.123 acres to which we applied the same acreage rate for commercial land of £500,000, equating to a total of £61,777. This was purely arithmetical with there being very limited comparable information on values for this use class.
- 12.12 In all likelihood a Primary Healthcare Facility would be provided as part of a needs assessment in conjunction with engagement with the NHS England and the Local Authority and could be delivered as part of the wider s.106 negotiations. As such it is debatable if the Primary Healthcare Facility should be reflected within the Gross Development Value (GDV) at all.

- 12.13 We have worked on a scheme within Greater London where the developer was demolishing a large 1970s Primary Healthcare Facility (PHF) and re-providing a new PHF as part of a wide scheme. The PHF was being delivered to the NHS in shell and core and then there is a monetary contribution to the NHS (by the Local Authority in that case) for them to fit it out. The construction cost, taking into account the contribution for the fit out was equivalent to circa £225 psf. This is for a modern 3-storey health centre of circa 20,000 sq.ft.
- 12.14 If we are to apply a notional land value for a Primary Healthcare Facility we need to assume that it is income producing, for example in a sale and leaseback scenario. Therefore if we assume that the PHF would be let to the NHS on institutional terms at a notional rent of £18 psf capitalised at 5% (to reflect the NHS covenant) this would generate a capital value of £360 psf. At this stage we do not have any floor plans or areas but will assume a facility of circa 5,000 sq.ft. The capital value is therefore circa £1.8m.
- 12.15 From this we need to deduct the cost of construction and associated professional fees, profit and finance costs. Our current experience suggests a build cost of £225 psf to which we notionally add 10% for fees, 20% for profit and 7% for finance to arrive at an all-in cost of circa £300 psf. This would suggest costs of delivery in the region of £1.5m and therefore a land value in the region of £300,000. We have updated the Viability Appraisal to reflect this. As with the other assumptions in the appraisal we will of course update these as further more accurate information is established.

#### 13 COSTS

#### SITE ENABLING WORKS

13.1 All schemes of this size and nature require extensive site preparation and enabling works to allow the delivering of on-site development. Each site has its own scheme specific requirements and the Promoter has sought specialist cost consultancy advice from Gardiner & Theobald (G&T) in this regard. The table below provides a summary of the infrastructure costs confirmed by G & T that we have adopted in our submission and the full cost plan can be found at Appendix 8.

Cost Element	Total Oct 2020
Off-Site Issues	
Highways	£27,583,875
Transport	£7,600,000
Utilities	£12,050,000
On-Site Issues	
Demo & Site Clearance	£1,141,750
Environmental	£3,500,000
Development Platform	£4,524,000
Water Attenuation	£10,348,750
Highways	£31,550,000
Rail Station	£20,000,000
Utilities	£21,464,750
Public Open Space	£42,728,250
Temporary & Sacrificial Works	£6,750,000
Other Social Infrastructure	£5,677,500
Total	£194,918,875

- 13.2 The current estimates for the cost of the enabling works (excluding s.106 Works, Professional Fee and Contingences) is £140m for Phase 1 and £55m for Phase 2. The total construction cost for the enabling works is therefore currently estimated at £195m. By allocating the infrastructure costs against the delivery of 4,508 homes, the enabling cost is equivalent to around £43,000 per unit.
- 13.3 Against the enabling works professional fees have been adopted in our appraisal at 10% and a further 7.5% for contingency.
- 13.4 After allowing for fees and contingency the total enabling cost as reflected in our appraisals is approximately £229m, equivalent to around £50,000 per unit.
- 13.5 None of the enabling works listed above are 'abnormal' costs and are typical for a scheme of this size and nature.

#### POST ENABLING WORKS ON-SITE CONSTRUCTION COSTS

13.6 Following the completion of the enabling works as outlined above the site would be ready for house building to commence and we have sought specialist cost consultancy advice from Gardiner & Theobald (G&T) on this. The table below provides a summary of the base build costs confirmed by G & T detailed in their cost plan in Appendix 8:

House type	Build Cost Rate (inclusive of externals)
Private Houses	£127 per sq ft
Affordable Rent Houses	£110 per sq ft
Shared Ownership Houses	£115 per sq ft
Private Apartments	£217 per sq ft
Affordable Rent Apartments	£147 per sq ft
Shared Ownership apartments	£205 per sq ft

- 13.7 This is based on benchmarking information and rates that G & T have received in discussion with major national housebuilders and includes an allowance for on plot infrastructure which includes external works, tertiary roads, utilities etc.
- 13.8 G & T have also made an allowance within the cost plan for noise mitigation measures assigned to zones 1 and 2 which total £16.9 million.
- 13.9 Based on the above base build costs and noise mitigation measures, G & T conclude that the total base build costs for delivering the scheme equate to a £657,390,351, which equates to a blended construction rate of £128.80 per sq ft which we have adopted within our appraisal.

#### PROFESSIONAL FEES & CONTINGENCY

13.10 We have adopted all professional fees for on-plot house building at 7.5% and contingency at 3%, which is considered reasonable for a scheme of this size on the basis that all enabling works have been completed.

#### SECTION 106/SECTION 278 & CIL COSTS

- 13.11 The assessment of s.106 contributions at this stage of the planning process is difficult to accurately determine and will need significant engagement with the Council. This is a very large scheme delivered over a twenty six year period and there are many site specific issues that will need to be considered.
- 13.12 The Council's adopted Planning Obligations SPD highlights the main areas that could be covered under a s.106 agreement. They are stated as being:
  - А Affordable Housing and Extra Care Housing В Education Provision С Community facilities, public realm D Highway infrastructure works, Traffic Regulation Orders, Travel Plans Е Flood risk management- SuDs F Green Infrastructure and the Forest of Marston Vale G Public access/rights of way Н Waste and re-cycling Sustainability - carbon offset fund L J **Employment and Skills** Κ Historic Environment and Conservation
- 13.13 One of the most significant issues to be determined for the subject scheme will be the delivery of the schools across the site. It is usual for scheme of this size and nature to deliver schools as the occupation of the houses increases. The demand for school places is closely monitored in conjunction with the Council and appropriate trigger points can be agree within the s.106 to ensure appropriate delivery.
- 13.14 The Planning Obligations SPD highlights that the basic process in determining the need for school places is for the borough's Children's Services School Planning Team to look at the estimated pupil numbers to be generated by the proposed development, the capacity of the catchment area schools and existing and forecast school rolls to assess if there is a shortfall in places. The cost of the additional provision needed is then estimated.
- 13.15 The take up of places for new schools is likely to extend beyond the immediate scheme and be of benefit to the wider community. If more than one scheme comes forward in proximity to the subject scheme there may be the ability for the proposed schools to serve more than one scheme or for potential development costs to be shared between schemes.

#### COMMUNITY INFRASTRUCUTRE LEVY

- 13.16 In their review of our previous submission, BNP noted there was a variance in approach by the various competing promoters in the treatment of CIL with only our submission allowing for CIL payments. Notwithstanding that Bedford Borough Council is a CIL charging authority, the analysis of costs by AECOM was based on no CIL charging with the S106 and infrastructure costs reflecting this. In their assessment, BNP did not adopt CIL costs in order to reflect AECOM's advice and assumed a s106 cost of c £17,700 per unit.
- 13.17 In light of this, we have not explicitly allowed for CIL but made an allowance of £17,500 per unit for combined community / s106 costs, in line with AECOM's assessment. It has previously been discussed that the costs of delivering the train station and the A6 infrastructure improvements, which together total £47.5 million equating to £10,500 per residential unit, could be deemed as CIL cost items.

13.18 The impact of s.106 financial contributions and CIL has a material impact on the viability of the proposed scheme and more detailed engagement with the Council regarding the extent of s.106 financial obligations may result in a decrease in our adopted levels. If further information is provided to us in this regard we may need to amend our conclusions.

#### ACQUISITION AND PREPARATION COSTS

- 13.19 We have assumed the following sales and legal fees for the private units:
  - 1.5% agents fee
  - £400 per unit legal fee
- 13.20 We have assumed the following sales and legal fees for the affordable units:
  - 0.5% agents fee
  - £200 per unit legal fee
- 13.21 We have also assumed the following fees in relation to the commercial land:
  - 1% agents fee
  - 0.5% legal fees

#### FINANCE

13.22 We have included finance costs at 6.25% inclusive of arrangement fees and a credit rate of 0.50%.

#### TIMESCALES AND PHASING

- 13.23 Within their cost plan, G & T have shown the infrastructure costs and split them between two phases in what they consider to be a reasonable assessment of the split. The infrastructure items are split between phase 1 (circa 71% of the infrastructure costs for 2,132 homes) and phase 2 (circa 29% of the infrastructure costs for the remaining 2,376 homes).
- 13.24 In their review of our previous assessment, AECOM also provided a more detailed percentage breakdown of expenditure on all infrastructure on an annual basis and this is detailed in the table below.

Year	No. of Units Constructed	Infrastructure Expenditure Percentage
1	200	15%
2	200	20%
3	200	35%
4	200	45%
5	200	55%
6	200	65%
7	200	66%
8	200	72%
9	200	75%
10	200	78%
11	200	81%
12	200	82%
13	200	83%
14	200	85%
15	200	88%
16	200	90%
17	200	91%
18	200	92%
19	200	93%

Year	No. of Units Constructed	Infrastructure Expenditure Percentage
20	200	94%
21	200	96%
22	200	98%
23	200	100%

- 13.25 By comparison, AECOM have assumed that 81% of the infrastructure costs are incurred in the first phase. G & T have confirmed that they do not necessarily disagree with AECOMs position and we have therefore modelled our appraisal on the basis of the recommended annual infrastructure expenditure timing provided by AECOM based in the table above.
- 13.26 Infrastructure costs will be site and masterplan specific and so there is likely to be some variance depending on individual requirements depending on the project. We reserve the right to amend our conclusions in light of this.
- 13.27 Assuming a hybrid permission where detailed consent is given in 2023/early 2024, we have assumed that housing construction would be effected during the latter part of 2024 with 80 units constructed per year for the first 5 years. We have assumed residential sales commence 24 months after housing construction commences to allow for the first practical completions with a sales rate of 80 units per year for this initial period.
- 13.28 We have assumed a rolling phasing programme of reserved matters and development and infrastructure construction of some 200 dwellings per year thereafter which would provide a further 2,000 residential units between 2029/30 and 2039/40. For this period we have assumed a sales rate of 200 units per year.
- 13.29 We have then assumed that the remaining 2,100 residential units would be delivered from the end of the plan period (2039/2040 onwards). We have allowed for a 24 months sales period after construction in order to allow for the remaining residential units to be sold.
- 13.30 The table below summarises the phasing programme that we have modelled for this application.

Period	Total No of Units constructed during period	Units constructed per year	Sales Rate per year
2024/25 - 2028/29	400	80	80
2029/30 - 2033/34	1000	200	200
2033/34 - 2039/40	1000	200	200
2039/40 - 2051	2100	200	200

#### 14 VIABILITY APPRAISALS

- 14.1 Taking all of the above factors into account we have carried out development appraisals of the site based on 30% affordable housing based on a policy compliant mix (78% Affordable Rent / 22% shared ownership). The full viability appraisal can be found at Appendix 9.
- 14.2 We have used the adopted affordable housing values as set out in this report together with the assessment of the private tenure sales values and carried out detailed appraisals for the site to arrive at the following residual land value:

% Affordable Housing	Residual Land Value
30%	f million

#### 15 SENSITIVITY ANALYSIS

15.1 We have carried out sensitivity analysis on the above appraisal providing 30% of affordable housing. In the table below, we have varied the sales rate positively and negatively as well as the build costs, positively and negatively, to assess the impact on site value (top line) and GDV (bottom line).

Proposed Scheme 30% AH		Sales: Rate /ft²						
		-30.00 /ft <sup>2</sup>	-20.00 /ft <sup>2</sup>	-10.00 /ft <sup>2</sup>	0.00 /ft <sup>2</sup>	10.00 /ft <sup>2</sup>	20.00 /ft <sup>2</sup>	30.00 /ft <sup>2</sup>
		315.00 /ft <sup>2</sup>	325.00 /ft <sup>2</sup>	335.00 /ft²	345.00 /ft²	355.00 /ft²	365.00 /ft²	375.00 /ft <sup>2</sup>
	-30.00 /ft <sup>2</sup>							
	98.80 /ft²							
	-20.00 /ft <sup>2</sup>							
	108.80 /ft <sup>2</sup>							
/ft²	-10.00 /ft <sup>2</sup>							
Rate	118.80 /ft <sup>2</sup>							
Blended Construction: Rate /ft <sup>2</sup>	0.00 /ft²							
onstru	128.80 /ft <sup>2</sup>							
ded C	10.00 /ft <sup>2</sup>	1						
Blen	138.80 /ft <sup>2</sup>							
	20.00 /ft²	1.1						
	148.80 /ft²							
	30.00 /ft <sup>2</sup>	1						
	158.80 /ft²							

#### 16 BENCHMARK LAND VALUE

16.1 The Viability Guidance Note attached to the 2018 NPPF confirms that a benchmark land value should be established on the basis of the existing use value (EUV) of the land. It defines EUV as the value of the land in its existing use together with the right to implement any development for which there are policy compliant extant planning consents, including realistic deemed consents, but without regard to alternative uses.

- 16.2 The premium for the landowner should reflect the minimum return at which it is considered a reasonable landowner would be willing to sell their land. The premium should provide a reasonable incentive, in comparison with other options available, for the landowner to sell land for development while allowing a sufficient contribution to comply with policy requirements.
- 16.3 The PPG details that the premium is the amount above existing use value (EUV) that goes to the landowner. The premium should provide a reasonable incentive for a landowner to bring forward land for development while allowing a sufficient contribution to fully comply with policy requirements.
- 16.4 The Financial Viability in Planning (FVIP) details that when providing benchmark land value we must report the current use value (CUV) referred to as EUV or first component in the PPG referred to above. For the Benchmark Land Value, we have relied upon the Existing Use Value plus premium approach as advocated by national planning guidance and FVIP.
- 16.5 When assessing what price a landowner would be incentivised to release the land for development, in his government-commissioned report, Oliver Letwin advocated that Greenfield land values should be feature per acre, which is usually applied to the gross area of the site.

	Size (Hectares)	Size (Acres)	
Red Line Site Area	445.0	1,099	
Net Developable Area	147	363	

16.6 As previously stated, the existing areas of the site are as follows:

- 16.7 This demonstrates that the ratio of gross development area to net developable area is 33% which is due to the majority of the site being comprised of green and blue infrastructure including the retention of existing woodland habitat, the golf course and the creation of new habitat, playing fields, SUDS features, bunds and landscaping within the country park.
- 16.8 This is in large part due to addressing the noise constraints from Santa Pod racecourse and a low ratio of gross development area to net developable area is common in larger, strategic greenfield sites which are affected by constraints. On sites of this size and nature, where more than 50% is open space, applying a rate per acre on the gross area gives a disproportionately high value in terms of what a reasonable landowner would expect when compared with an unconstrained site.
- 16.9 A reasonable landowner for a constrained site would expect a land receipt based on the net developable area and a higher value per acre in the range of fermion and fermion would entice a landowner to bring forward their land for development in such instances. On the basis of adopting a greenfield land value of fermion per acre based on the net developable area, this generates a benchmark land value of fermion million, which we have adopted.

#### 17 CONCLUSION

17.1 At this stage of the development process we have been able to demonstrate that the scheme can generate a residual land value of ferminilion which is nominally below the benchmark land value of ferminilion. We therefore conclude that the scheme can viably deliver policy compliant levels of affordable housing.

- 17.2 For large settlement schemes of this nature that require significant enabling and site preparation costs that is a very positive position to be in at this stage. We have provided sufficient information regarding the viability and deliverability of the scheme in order to meet its requirements in terms of enabling works and delivery of policy compliant levels of affordable housing.
- 17.3 The scheme is still at an early stage in terms of specific design and detailed layout which therefore requires us to make a number of high level assumptions in order to carry out viability testing. It will clearly be necessary to treat the viability of the scheme as a live issue which will evolve during the planning process.
- 17.4 Further, more detailed engagement with the Council regarding the extent of s.106 financial obligations may result in a decrease in our adopted levels. At £17,500 per unit these are at the upper end of where we would expect financial contributions to be.

This report has been prepared within the quality system operated at Rapleys LLP according to British Standard ISO 9001:2015.			
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Signature:			

#### 18 QUALITY ASSURANCE

TERMS OF ENGAGEMENT

## RAPLEYS

#### RAPLEYS LLP TERMS OF ENGAGEMENT FOR AFFORDABLE HOUSING VIABILITY ADVICE

#### 1. INSTRUCTION

We are instructed by Wrenbridge (the Client) to provide advice in connection with the level of affordable housing and financial Section 106 contributions that the proposed residential led development scheme at Colworth Science Park (the Site) can support.

Taking into account the circumstances of the current project I recommend we carry out the viability process in two stages.

- Stage 1: Strategy / Options Report outlining the affordable housing strategy, issues we are likely to face, ways to mitigate these issues and potential outcome. Detailed appraisal modelling to consider the impact of providing differing levels of affordable housing and s.106 financial contributions against an appropriate benchmark. We will run iterations of the viability model starting with the policy compliant position and test this at various intervals. Advice on the strength and weaknesses of the argument in providing lower than policy compliant levels of affordable housing.
- Stage 2: Prepare the formal Financial Viability Assessment (FVA) for submission to LBBD having agreed the viability strategy with the project team and client.

Our advice is provided in the context of negotiating planning obligations and therefore in accordance with PS 1 of the RICS Valuation - Professional Standards (July 2017) incorporating the IVSC International Valuation Standards (Red Book), the provisions of VPS 1 - 5 are not of mandatory application and accordingly this report should not be relied upon as a Red Book Valuation.

We confirm that as far as we are aware we have had no previous material involvement with the subject Site or with the Client and therefore we have no conflict of interest in providing this advice.

#### 2. THE SUBJECT SITE

The Subject Site to which the instruction relates is known as Colworth Park, Sharnbrook, MK44 1LQ.

#### 3. ASSUMPTIONS AND LIMITATIONS

We will carry out such inspections and investigations which are, in our professional judgement, appropriate and possible in the particular circumstances. These will be agreed with the client beforehand and set out clearly in our subsequent Report.

We provide our advice on the basis of the Assumptions attached.

We will agree any Special Assumption with the Client before publishing the Viability Report. Any Special Assumptions requested as part of this advice are included within the attached Assumptions. Should any variation to Special Assumptions be required, we will agree the wording before issuing our Valuation.



As our advice is provided in connection with the redevelopment of the site we do not take into account the general state of repair of any existing buildings on the site.

In order to provide our advice and produce a robust viability assessment, we have advised the Client of the need to ensure that each of the component parts is adequately supported with evidence. The main supporting reports we envisage at this stage are as follows:

- Gross Development Values (GDV) for the proposed residential units.
- Detailed Cost Plan to include details of all the abnormal costs (contamination, remediation, piled foundations etc). Ideally this cost plan should be prepared by a firm of Chartered Quantity Surveyors / Building Surveyors.
- We will liaise with the Client's Planning Consultant regarding anticipated s.106 / s.278 / affordable housing policies.
- We recommend that the Client commissions an independent report on the Existing Use Value of the site or Viable Alternative Use Value. This valuation needs to exclude all hope value associated with residential development potential. This will form the basis against which we will look to establish the Benchmark Land Value (BLV).

The above external information / reports are generally the main inputs that we need to submit in support of our viability position. Please note that the above external reports are not covered in our fee quote.

We will rely on any information provided by the client, the client's solicitors or other professional advisors relating to tenure, tenancies and other relevant matters on the basis that this has been provided in good faith. We will not take responsibility for the interpretation of legal documents. Our advice will accordingly be totally dependent on the adequacy of the information supplied and the Assumptions made. It is important to note that should these prove to be incorrect or inadequate, the accuracy of our advice may be affected.

#### 4. FEE BASIS

Based on the above two stage process our fees as agreed are:



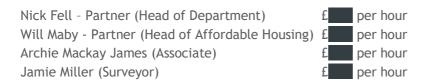
Total Fee up until submission of Viability Appraisal would therefore be £ . This will include for meetings with the local authority and internal meetings with the Client Team up to the point of submitting the Viability Appraisal.

The amount of work post-submission is variable depending on the size and nature of the scheme and the argument being submitted. For a scheme of this size, we would expect there to be substantive work post-submission covering the various components of the viability argument including appraisal assumptions and tenure mix. For a scheme of this nature we would also expect significant s106 negotiations related to review mechanisms and trigger clauses. In the event that a submission was put



forward with non-policy levels of affordable housing we would expect resistance from the Local Authority and given its size the scheme will be called in by the GLA leading to additional negotiations.

It is not possible at this stage to confirm the complexity of negotiations we would need to undertake post submission. For negotiations post submission we charge on an hourly basis. We keep a detailed timesheet of all hours spent on the project and submit invoices on a monthly basis. Our current hourly rates are:



The above indicative fees are provided on the basis that when we start substantive work on creating the viability models we will have been provided with details of the scheme that you take forward in the planning application. Whilst we fully accept that schemes of this nature evolve during the planning process if during the course of our engagement the scheme is significantly amended then we may need to discuss additional fees to reflect the extent of the changes.

All disbursements will be charged in addition to this, which will include such items as the cost of obtaining documents, photocopying, photography, binding, maps, plans, postage, travel, flights, overnight accommodation and subsistence away from the office. The use of Rapleys LLP cars is charged at 90 pence per mile. We will agree any disbursements with you in advance.

All fees and disbursements will be subject to VAT.

If for any reason our instructions are prematurely terminated we will make an abortive fee charge calculated on our current hourly charging rates for professional staff for the time actually expended as at the date of termination plus any disbursements incurred. Our hourly chargeout rates are reviewable annually as at 1<sup>st</sup> May in each year.

#### 5. FEE INVOICE

We will submit invoices on a monthly basis as we progress through each stage. Invoices are payable within 30 days of the date of issue. We reserve the right to charge interest from the 31<sup>st</sup> day following the date of the invoice at a rate of 2% per month calculated on a daily basis.

#### 6. VARIATION

These Terms of Engagement may only be varied if accepted in writing by a Partner in Rapleys LLP.

#### 7. LIABILITY

Our liability is solely to the named client below. Nothing in these terms shall exclude or restrict our liability in respect of personal injury or death resulting from our negligence or for fraudulent



misrepresentation or in any other circumstances where liability may not be so limited under any applicable law or regulation.

Subject thereto and as agreed with the client, as evidenced by the acceptance of these Terms:

- 1. We shall not be liable for any indirect, special or consequential loss or damage, or any loss of profit, opportunity, production or accruals arising in any circumstances whatsoever, whether in contract, tort, negligence, for breach of statutory duty or otherwise and howsoever caused.
- 2. Our entire aggregate liability for any claim or claims in contract, tort, negligence, for breach of statutory duty or otherwise, for any loss, costs or expenses howsoever caused arising out of or in connection with the services to be provided under these Terms shall be limited to £5 million.

#### 8. COMPLAINTS PROCEDURE

As part of our internal Code of Conduct, Rapleys LLP has an established complaints procedure and a copy of this document is available upon request.

#### 9. GENERAL

- All amounts stated in these Terms are exclusive of VAT, which, if appropriate, shall be added and paid at the appropriate rate.
- Either party may terminate these arrangements at any time on 7 days notice or immediately on notice if the other party ceases to trade, becomes insolvent or has an Administrator, Receiver or Liquidator appointed or is in breach of any provision of these terms and fails, where the breach is capable of being remedied, to remedy the breach within 7 days of service of a notice specifying the breach and requiring it to be remedied.
- We will do our best to perform our obligations in accordance with any time frame that is agreed or set, but this is an estimate only and time shall not be of the essence.
- Neither party shall be in breach of their obligations for any delay or failure to perform their respective obligations which is caused by reasons outside that party's reasonable control.
- These Terms shall be governed by English Law. The Court of England shall have exclusive jurisdiction in respect of any disputes and both parties submit to that jurisdiction.
- Both parties do not intend that any person other than the Client and Rapleys LLP shall have any rights under these Terms and under the contract between us by virtue of the Contracts (Rights of Third Parties) Act 1999 or otherwise.
- We take conflict issues seriously. We have procedures in place to ensure that conflict checks are carried out on every matter as soon as practical so that, if an issue arises, it can be discussed with the Client and dealt with as soon as possible. Our conflict procedures help us to fulfil our professional obligation not to act for one client in a matter where there is an actual (or significant risk of a) conflict with the interests of another client for whom we are already acting.



If at any time the Client becomes aware of an actual or potential conflict of interest, the Client should raise it with us immediately.

Subject to our professional duties, we will always seek to resolve any conflict issues in the most advantageous way to the clients concerned. Where our professional rules allow, the Client agrees that after termination of our retainer, we may act or continue to act for another client in circumstances where we hold information which is confidential to the Client and material to the engagement with that other client. We will not, however, disclose the Client's confidential information to that other client.

- We will keep confidential any information which we acquire about the Client's business and affairs, unless we are required to disclose any such information:
- to our auditors, external assessors or other advisers or for the purposes of our professional indemnity insurance; or
- by law or other regulatory authority to which we are subject.

If we or the Client engage other professional advisers to assist with a matter we will assume, unless the Client notifies us otherwise, that we may disclose any such information to such other advisers as necessary.

On occasion we may use external agencies to undertake typing, printing, photocopying, mailings and other business support services. Before doing so we ensure that appropriate safeguards are in place to protect confidentiality. If the Client has any concerns about this or would like to know more, the Client should let us know.

In certain circumstances, it may be necessary to erect an information barrier (or Chinese Wall) to protect the confidentiality of client information; if this is needed we will discuss it with the Client.

Where possible, we will disclose to the Client all information which is material to the Client's affairs and business regardless of the source of that information. However, we will not disclose to the Client any confidential information about the business and affairs of any other existing or former client, or any information in respect of which we owe a duty of confidentiality to a third party.

If at any time a third party requests access to documents held by us or asks to interview any of our partners or employees in connection with the services we have provided, we may be required as a matter of law to comply with this request. The client will be responsible for our fees, disbursements and expenses in dealing with any such request, including the fees, disbursements and expenses involved in identifying relevant documents, attending interviews or making or defending any application in connection with the validity of the request. Disbursements and expenses may include the fees of third parties instructed by us in order to advise on issues connected with the request.

We will use the personal information we receive about the Client for the administration of our relationship with the Client, billing (and, where necessary, debt collection) and marketing. To help us to make credit decisions about the Client, to prevent fraud, to check the Client's identity and to prevent money laundering, we may also use the information to search the files of credit reference agencies who will record any credit searches on the Client's file. The information may be used by other credit grantors for making credit decisions about the Client and the people with whom the Client is financially associated, for fraud prevention, money laundering prevention and occasionally



for tracing debtors. We may disclose the Client's details to our agents and service providers for any of the purposes set out in this paragraph.

We may from time to time contact the Client by mail, telephone, or email to provide information that may be of interest to the Client, including details of the services we offer, newsletters and invitations to events. The Client should let us know if they do not want to receive such information.

• We store documents and papers for clients, normally without charge. We also do not normally make a charge for retrieving stored documents and papers in response to continuing or new instructions to act for the Client. However, we reserve the right to make a charge based on the time we spend on reading papers, writing letters or providing other services necessary to comply with the instructions.

On completion of a matter and payment of any outstanding bills we shall return to the Client, on request, any documents lent to us by the Client for the purposes of the matter. Where we are acting for joint clients and one joint client asks us to transfer documents lent to us for the purposes of the matter, we will deliver them to, or to the order of, the joint client who delivered them to us.

We do not agree to retain files for any particular period of time but generally keep all files for a minimum period of 16 years. We reserve the right to destroy files without further reference to the Client 16 years after completion of a matter.

• The services provided by us are for the Client's benefit alone and solely for the purpose of the matter to which they relate. They may not be used or relied upon for any other purpose or by third parties. Our duty of care is to the Client and does not extend to any third party. No third party shall have any right under the Contract (Rights of Third Parties) Act 1999 to enforce any of the terms in this document, provided that no right or remedy of any such person which exists or is available otherwise than by virtue of that Act shall be adversely affected by the terms of this document.

We will, on the Client's behalf, instruct, liaise with or coordinate advice from other professional advisers. We will not be responsible for the accuracy or appropriateness of the advice given or work undertaken by those other advisers or for payment of their fees and expenses.

• We are committed to promoting equality and diversity in all of our dealing with clients, third parties and employees. We will not discriminate in the way we provide our services on the grounds of sex (including gender reassignment), marital status, sexual orientation, disability, race, colour, religion, age, nationality or ethnic or national origins.

#### **10. ACCEPTANCE**

A copy of our Terms of Engagement is to be signed and returned by the instructing Client prior to commencement of the Valuation instruction

It is hereby agreed that the above terms are acceptable and I/we instruct Rapleys LLP to proceed. The Client instructing and/or continuing to instruct Rapleys LLP shall constitute acceptance of these Terms of Engagement irrespective of whether such copy is signed and returned.

## RAPLEYS

CLIENTS SIGNATURE	PRINT NAME
POSITION IN COMPANY	DATE
NAME OF INSTRUCTING COMPANY	REGISTERED OFFICE

#### DEFINITIONS

#### MARKET VALUE (MV)

In accordance with the RICS Valuation - Global Standards 2017 (VPS 4.4) we would define MV as:

"The estimated amount for which an asset or liability should exchange on the valuation date between a willing buyer and a willing seller in an arm's length transaction after proper marketing wherein the parties had each acted knowledgeably, prudently and without compulsion."

For the purpose of Viability Submissions in connection with Affordable Housing Obligations the term Existing Use Value (EUV) is used to mean:

'The Value of the property in its current planning use and condition, disregarding all hope value attributed to residential development potential'

#### ASSUMPTIONS

- 1. We will not be supplied with any title documents and will not therefore verify any of the title statements made in the Report, but we will assume, unless expressly stated, that the property is free from any unusual or otherwise onerous restrictions, encumbrances, restrictive covenants or outgoings and that good title can be shown.
- 2. If provided we will assume that the boundaries of the property as shown edged in red on the plan that will be attached to our Viability Submission or otherwise described therein.
- 3. Unless otherwise expressly stated we will assume that the interest to be valued is the unencumbered freehold with vacant possession.
- 4. Where necessary and with the client's consent (or the consent of their appointed Planning Consultant) we will make verbal enquiries of the local planning and highway authorities plus Petroleum Officer in the case of petrol filling stations and will state the results of these enquiries within our Report. We will not accept any liability for any error in any response to a verbal enquiry or website search and we will not accept any responsibility for any error in any written response.
- 5. In valuing the land and buildings we will take into account items of plant and machinery regarded as usual service installations which would normally pass with the sale of property. Our Valuation therefore <u>includes</u> the following (where they exist):
  - i) Electricity mains supply cables, transformers, switch gear, standby generating plant and wiring installed for non-process purposes.
  - ii) Gas gas mains up to and within meter houses and distribution piping within the premises installed for non-process purposes.
  - iii) Water reservoirs, wells and bore holes together with pumps, water treatment plant, storage tanks and distribution piping within the premises that have been installed for non-process purposes.
  - iv) Space heating and hot water boilers and associated plant, fuel tanks and distribution piping where primarily installed for space heating and other non-process purposes together with radiators, radiant panels, unit fan heaters and similar environmental heating appliances.



- v) Air conditioning and ventilation air conditioning plant, trunking, fans and ventilators, except where primarily serving industrial or commercial processes.
- vi) Fire and safety hydrants, pumps and mains, sprinkler systems, smoke detectors, fire alarm and burglar alarm systems.
- vii) Drainage surface water and foul water drains and sewers.
- viii) Lifts and gantries passenger and good lifts, escalators and travelators installed to benefit the general occupation of the building. Gantries and supports or overhead travelling cranes where forming an integral part of the structure of the building.
- ix) Petrol pumps, underground storage tanks, suction lines, canopy, compressors, air lines, console equipment, car wash machinery and other related items normally associated with an operational petrol filling station.
- 6. None of the items of plant and machinery and equipment referred to above will be tested and unless otherwise described we will assume they are all in full working order and are not subject to any outstanding loan or hire purchase agreements.
- 7. Unless expressly stated we will assume that all mains services are connected or are available to the property.
- 8. Except where expressly stated, we will assume that the property and its value will be unaffected by any matters which would be revealed by a local search and replies to the usual enquiries before contract. We will also assume that the property, its condition and its uses are fully authorised and that there are no outstanding statutory notices.
- 9. We will make no allowance for any incidental costs or taxation that might arise in the event of a disposal. Furthermore, we will exclude VAT which may be chargeable following any acquisition but we will consider the effect on value of the ability of any likely purchaser to recover the tax.
- 10. We will not measure the property in accordance with the RICS Code of Measuring Practice.
- 11. If we provide advice on the value the property in its existing use we will make reference to its general state of repair, as will be referred to within the text of the Valuation, but would specifically draw your attention to the Exclusions detailed overleaf.
- 12. It is important to note that in the event of a future change in the trading potential of a petrol filling station, e.g. due to the construction of a bypass or other road changes affecting traffic flows or by the development of a further competing forecourt operation which draws trade away, or if historic trading levels are different from those indicated, then the value we will report could vary.

#### SPECIAL ASSUMPTIONS (SA)

SA1 - In providing our advice on the residual land value of the proposed scheme (and all other iterations of the scheme we are asked to assess) we are assuming that planning permission and all other necessary consents will be secured.

#### EXCLUSIONS

1. In accordance with our insurer's requirements we must state that we will not carry out a structural survey of the property nor test the services. Neither will we inspect the woodwork, services or



installations, underground storage tanks or any other part of the structure which are covered, unexposed or inaccessible and we therefore will be unable to report that such parts are free from defect.

- 2. We will not undertake or arrange for any investigation to be carried out to determine whether or not any deleterious, sub-standard or hazardous materials have been used in the construction, services or finishes of the property or have since been incorporated. These materials include, but are not limited to asbestos, high alumina cement, calcium chloride, wood wool slabs, galvanised steel, wall ties and composite cladding panels. We therefore will not be able to report that the property is free from such material nor to make any comment with regard to them. If necessary we will request from the owner or occupier, whichever is appropriate, a copy of the Asbestos Register. If no such document is provided to us, we will recommend that one is prepared prior to any inspection of the premises being undertaken. If we are made specifically aware of the presence of asbestos either from documentary evidence, word of mouth or by it being obvious from our cursory inspection, we will use our reasonable endeavours to bring this to the Client's attention with a recommendation that a detailed inspection by a gualified specialist should be undertaken in order to establish future obligations and any costs of essential remediation. This will be the full extent of our obligations in this regard. Our advice will assume that no such materials are present. We recommend that if the Client has any concerns at all about any of these materials, the Client should commission a specialist report. We shall have no liability in respect of any matter relating to such materials.
- 3. The Valuation will not provide an audit for the purposes of the Equalities Act 2010, or for other workplace legislation.
- 4. We will not carry out an inspection to establish if asbestos is present in the property in order to comply with any of the provisions of The Control of Asbestos Regulations 2012 or for any other purpose. We shall have no liability in respect of any matter relating to asbestos including, but not limited to, its presence at the property.
- 5. We will not arrange for any investigation to be carried out to determine whether or not the construction methods used were hazardous or deleterious in nature.
- 6. We will not carry out an inspection nor arrange for any investigation to establish the presence or absence at the property of any invasive or obnoxious weeds or plants. We shall have no liability in respect of any matter relating to any such weeds or plants including, but not limited to, their presence at the property.
- 7. We will assume the inspection of those parts which have not been inspected would neither reveal material defects and/or construction defects nor cause the valuer to alter the valuation materially.
- No allowance will be made for rights, obligations, or liabilities arising under the Defective Premises Act 1972.
- 9. We are <u>not</u> aware of the content of any environmental audit or other environmental investigation or soil survey which may have been carried out on the property and which may draw attention to any contamination or possibility of any such contamination. Unless specifically stated we provide our advice on the basis that no contaminative or potentially contaminative uses have ever been carried out in the property. We will <u>not</u> carry out any investigation into past or present uses, either of the property or of any neighbouring land, to establish whether there is any contamination or potential for contamination to the subject property from these uses or sites and will therefore assume that none exists. However, should it be established subsequently that contamination, seepage or pollution exists at the property or



on any neighbouring land or that the premises have been or are being put to a contaminative use this might reduce the values we will report.

- 10. We will not carry out any research nor give any information or advice on the risk of flooding at the property and we will not carry out any searches, at the Environment Agency or elsewhere, nor make any enquiries about the risk of flooding at the property.
- 11. We will not carry out an inspection or arrange for any investigation to be carried out to determine whether there is actual, potential, alleged or threatened formation, growth, presence, release or dispersal of any fungi, moulds, spores or mica toxins of any kind at the property. We shall have no liability in respect of any matter relating to any such fungi, moulds, spores or mica toxins of any kind including, but not limited to, their presence at the property.

#### DISCLOSURE

- 1. Our advice will be confidential to the client for its sole use in connection with submissions to the Local Authority in connection with affordable housing obligations and no responsibility will be accepted to any third party in respect of the whole or any part of its contents having regard to the Hedley Byrne Case.
- 2. Neither the whole nor any part of our advice nor any reference thereto is to be disclosed to any third party or published in any document, circular or statement without our prior written consent as to the form or context in which it may appear.

# AECOM CONSTRUCTION COST ANALYSIS

# Construction Cost Analysis No.4 of the four proposed New Settlements in Bedfordshire for Bedford Council

Lee Farm Redacted

19th January 2018

#### Quality information

Document name	Report & Issue No	Prepared for	Prepared by	Issue Date	Prepared by	Reviewed by
Bedford Cost Estimate	1	Bedford Council	AECOM Ltd	17/11/2017	KD	PW
Bedford Cost Estimate	2	Bedford Council	AECOM Ltd	04/12/2017	KD	PW
Bedford Cost Estimate	3	Bedford Council	AECOM Ltd	04/01/2018	KD	PW
Bedford Cost Estimate	4	Bedford Council	AECOM Ltd	19/01/2018	KD	PW

This document has been prepared by AECOM Limited for the sole use of our client (the "Client") and in accordance with generally accepted consultancy principles, the budget for fees and the terms of reference agreed between AECOM Limited and the Client. Any information provided by third parties and referred to herein has not been checked or verified by AECOM Limited, unless otherwise expressly stated in the document. No third party may rely upon this document without the prior and express written agreement of AECOM Limited.

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02	Promoters Details for Wyboston
03	Promoters Details for Lee Farm, Sharnbrook
04	Promoters Details for Thurleigh Airfield
05	Promoters Details for Twinwoods
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# **1.0 Executive Summary**

## 1.1 General

Bedford Council are developing a strategy to meet housing needs and to address issues relating to improving the operation of the local economy and investment in infrastructure support services for the Borough up to the year 2035. As such we have been appointed by the Council to review and analyse four strategic garden village proposals for new settlements of sufficient size to enable the creation of a sustainable new community in the Bedford Borough.

The information provided was the local plan call for sites procedure, whereby the promoters uploaded vision documents and some technical reports. These proposals and their forecast costs are compared against AECOM benchmark comparisons for each new settlements in sections 2 - 5. In respect of costs, this covers the master developer/ promoter costs to provide serviced plots for the development and therefore excludes all on plot costs.

We are working with BNP, who are demonstrating whether the key strategic elements of the schemes are viable and deliverable, and also with SYSTRA who are assessing the transport implication of the new settlement proposals, (see section 6). We have then shown our assessment of the on-site and off-site infrastructure costs including fees and contingencies and an indicative delivery rate in section 7, with a comparison with other AECOM schemes in section 8.

In section 9 we have commented on each schemes density and how this relates to the garden village principles, whilst section 10 sets out the details from our social infrastructure model for each scheme as a means of assessing potential S106 costs.

The schemes are as follows:

- Wyboston, promoted by PPS on behalf of Ringhouse Developments Ltd. 4,000 units
- Lee Farm, Sharnbrook promoted by Rapleys on behalf of Wrenbridge and Unilever, 4,508 units
- Thurleigh Airfield, promoted by Barton Wilmore on behalf of St Modwen; 5,250 units
- Twinwoods, near Milton Earnest, promoted by DLP Planning on behalf of Marcol/Bedfordia; 6,000 units

Each scheme includes employment provision and a range of other uses, including primary and secondary schools, open space and community facilities. A masterplan and further details of the schemes can be found in sections 2-5.

The details provided by the promoters for the four sites are as follows; noting that these are at 1Q2017 prices & exclude inflation and VAT.

#### **Promoters Forecast Costs**

	Total Cost of the Scheme	Number of Units	Cost / Unit	Approximate Delivery Rate per year
Lee Farm, Sharnbrook	£ 249,775,074	4,508	£55,407	200

It should be noted that these costs were generally provided by the promoters on the same basis, albeit the Sharnbrook proposal included a CIL cost of £40,454,988. As such we have excluded the CIL cost from Sharnbrook in order to keep the costs consistent. We have though included a separate sensitivity for using CIL in lieu of the S106 costs in section 11.

All costs assessed within this report cover the completion of the scheme beyond the local plan period of 2035.

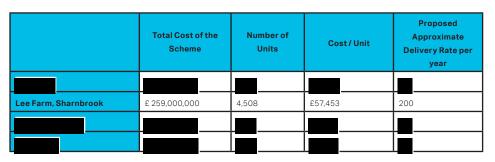
We have also reviewed and compared the delivery rate of each scheme noting in particular that Wyboston, Sharnbrook & Thurleigh have proposed a delivery rate of 200 units per year, whilst Twinwoods have suggested a delivery rate of 300 units per year.

It is our view in this respect that the proposed delivery rate of 200 units per year is reasonable and therefore should be used for all schemes.

We then provided our own cost estimate based on our own analysis of the promoters details which is shown in the table across & described in more detail in section 7. When considering our comments on these estimates there are aspects where information is limited and assumptions have been made.

We also understand that there is the potential to combine Thurleigh Airfield and Twinwoods but we have not been asked to consider this at this stage.

#### AECOM's Forecast Costs



## 1.2 Build Costs for Residential and Employment

In section 8.6 we have included the following costs for on plot works, using a combination of BCIS data & our own information. This gives the following costs, which are based on Gross Internal Area (GIA) and exclude professional fees & contingency.

Residential - £1,159/m<sup>2</sup> for houses (private & affordable) plus 10% for on plot infrastructure to give a cost of £1,275/  $m^2$ 

 $\pm$ 1,275/m<sup>2</sup> for apartments (private and affordable) plus 10% for on plot infrastructure to give a cost of  $\pm$ 1,402/m<sup>2</sup>.

Employment - £845/m<sup>2</sup> for B1 and B2 light industrial / office buildings plus 10% for on plot infrastructure to give a cost of £929/m<sup>2</sup>

£377/m<sup>2</sup> for warehousing and distribution centres plus 10% for on plot infrastructure to give a cost of £414/m<sup>2</sup>.

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## 2.4 AECOM Average Benchmarking

We based our benchmarking information across 5 comparable schemes ranging from 2,350 to 6,000 units and this can be seen in the table below:

Benchmarking Headings	Project A	Project B	Project C	Project D	Project E	AECOM Benchmark Average
Site Preparation	4,035	4,291	7,894	722	4,313	4,251
Transport Infrastructure( on and off site)	10,872	18,388	18,694	18,773	11,407	15,627
Utility Infrastructure(on and off site)	9,868	4,895	11,907	9,390	9,694	9,151
Community Infrastructure S106	9,840	6,441	6,577	15,489	12,881	10,246
Green Infrastructure	2,789	1,971	513	4,113	5,786	3,034
Professional fees	3,013	4,561	3,558	4,347	4,713	4,038
Design Development &Construction Contingency	3,602	865	3,686	3,963	4,038	3,231
Total Cost Per Unit	44,018	41,412	52,829	56,797	52,832	49,578
Units	2,350	2,951	3,200	4,050	6,000	

The costs for each project was split further using the headings below. This allowed us to group the main infrastructure costs to assess the viability of each section. We have then considered whether there are disproportionate costs and justifications as to why this is the case. This is based on an analysis of the promoters costs and a comparison against AECOM average benchmark cost of £49,578 in the following sections.

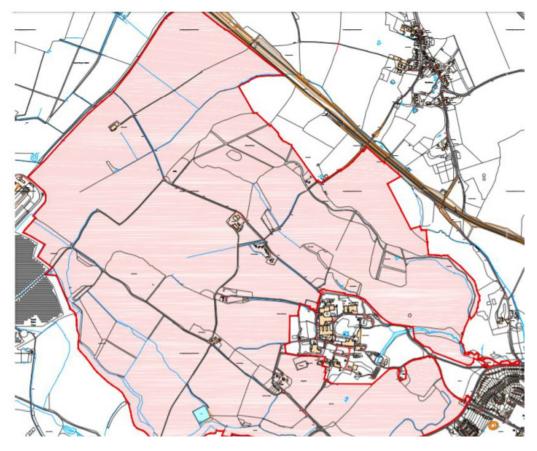
Benchmarking Assumptions	Breakdown to include if applicable
Site Preparation	Enabling Works and Demolition, Strategic Earthworks, Environmental Management Noise, Waste Management, Phasing & Temporary works + Flood Defence
Transport Infrastructure( on and off site)	Roads and public transport, Adoption Fees + Commuted sums
Utility Infrastructure(on and off site)	Electrical installations, Water, Gas, Security, Civil Engineering, Communications + Diversions
Community Infrastructure	Education, Health, Community development, Public Art, Public Relations
Green Infrastructure	Landscaping & woodland, Ecology
Professional fees	Including Survey Fees
Design Development & Construction Contingency	Risk Allowance

# Lee Farm, Sharnbrook Masterplan and Promoters Forecast Costs

# 3.1 Lee Farm, Sharnbrook

Using the information provided under the local plan call for sites procedure, and the Sharnbrook vision document we were able to set out the following details;

#### **Site Location Map**



Situated in the heart of rural Bedfordshire, the site, 445 hectares, is largely open farmland and grassland with several areas of woodland. It is located in the village of Sharnbrook, 9 miles to the north of Bedford and is seeking to provide new road links to the A6 as well as a new train station with an extension to the Thameslink line. The location encapsulates Colworth Science Park, and as such creates the potential for a mixed use community combined with links to the wider countryside.

#### Lee Farm, Sharnbrook Masterplan



The site proposes to deliver 4,508 dwellings over three villages, employment space, community hall, education, comprising of three 2 form and one 3 form entry primary schools and one secondary school, mixed use local centres and informal open space and formal play areas.

#### Risk

It should be noted that this site is in close proximity to the Santa Pod Racing Circuit and as such noise attenuation measures would need to be considered. It is also noted that there are areas of high archaeological interest within the promoters site.

# **3.2 Delivery Rate and Phasing**

It has been suggested by the promoters in the first instance that phasing is to be governed by the highway infrastructure requirements and split into two broad phases, delivering 200 units per year.

#### Phase 1: 2,132 dwellings / Years: 2022-2032

- Two - 2FE primary school

- One secondary School
- A mixed use local Centre (A1-5, B1-D1 uses)
- Associated open space / green infrastructure
- Employment Land
- Vehicular Access via a new roundabout junction with the A6.

#### Phase 2: 2,376 dwellings / Years: 2032-2044

- One 3FE primary school
- One 2FE primary school
- Mixed use local centres including community hall and convenience store
- Associated open space / green infrastructure

- A second main vehicular access along Forty Foot Lane to form another new roundabout junction with the A6.
- New Train Station (Extension of Thameslink Line)

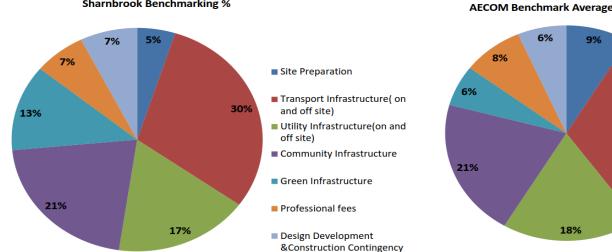
# **3.3 Lee Farm, Sharnbrook Promoters Cost Analysis**

The total infrastructure cost including demolition, highways, utilities, green space, social infrastructure, s106, professional fees and contingency etc. was forecasted at £249,775,074 / £55,407 per unit excluding CIL and can be seen in the table below in section 3.4

## 3.4 Promoters Forecast Total Cost Per Unit

Benchmark Headings	Promoters £Total Cost	Promoters £Cost per unit	£ AECOM Benchmark Average	Above / below AECOM Benchmark average
Site Preparation	12,240,800	2,715	4,251	- 1,536
Transport Infrastructure( on and off site)	74,924,750	16,620	15,627	994
Utility Infrastructure(on and off site)	43,552,500	9,661	9,151	510
Community Infrastructure/S106	52,843,500	11,722	10,246	1,477
Green Infrastructure	31,077,300	6,894	3,034	3,859
Professional fees	16,731,535	3,712	4,038	- 327
Design Development &Construction Contingency	18,404,689	4,083	3,231	852
Total Cost Per Unit	249,775,074	55,407	49,578	5,829
Units	4,508			

This is the more expensive proposal of the four, with the overall cost per unit at £55,407. It is also notably higher than then AECOM's average benchmark cost at £49,578 as set out in section 2.4. This is due in part to the S106 costs at £11,722 cost per unit. However the promoter has mentioned that there is the potential for a reduction in the community / S106 cost. We have also noted that the green infrastructure cost is higher than the average but is considered reasonable due to the scheme following the garden village principles. It should be noted that they have included for a new train station, which will include the extension of the Thameslink Line in phase 2, albeit at only £9,500,000. They also have a new railway bridge at £35,000,000 and this reflects a slightly higher than the average benchmark cost for transport infrastructure.



Sharnbrook Benchmarking %

#### **AECOM Benchmark Average %**

32%

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# Systra Off-site Transport Infrastructure

9th January 2018

# 6.1 SYSTRA

SYSTRA are the Councils retained highway consultants, and have been commissioned to undertake high level appraisal work for off-site transport infrastructure for the four schemes. Using information obtained from the site promotors and its own analysis, SYSTRA has considered the challenges and cost of mitigation for the following noting that the stated sums exclude professional fees, VAT, adoption fees, commuted sums, utility diversions, land purchase and contingency. These costs are reflected in our cost estimate seen in section 6.0:

#### Wyboston Garden Village

SYSTRA have analysed the following junction and offsite highway and transport improvements and mitigation works required to deal with the increase in traffic, which are considered necessary and are as follows:

A424/A4280 'St Neots Road' / Water End grade separated junction improvements - improvements to A421 Northbound off slip and St Neots Road and A421 southbound off slip and St Neots road

- Widening works excluding utilities with an allowance of £1,000,000

Staploe Road / Honeydon Road 'unnamed' junction improvement

- Kerb and road marking works with an allowance of £50,000,

Bedford Road / Roxton Road Junction - signal controlled

- Road widening and new traffic signals with an allowance of £500,000.

Bushmead Road / Staploe Road junction improvement

- Road widening and new traffic signals with an allowance of  $\pounds400,000$ 

Primary access (Access A) (provided via Roxton Road / Chawston Lane / Colesden Road)

- Carriageway widening (Roxton Road) with an allowance of £500,000

- Junction improvements with an allowance of  $\pounds 127,400$ 

Access via Staploe Road (from the west) (Access B)

- Carriageway widening to accommodate development traffic with an allowance of £23,300

Access via Staploe Road (from the north) (Access C)

- Carriageway widening to accommodate development traffic as well as bridge upgrade with an allowance of £286,300

Access via The Lane (westernmost junction) (Access D)

- Junction improvements with an allowance of £250,000

Access via The Lane / Morris Walk junction (Access E)

- Junction improvements with an allowance of £250,000

Access via The Lane Access (easternmost junction) (Access F)

- Junction improvements with an allowance of £250,000

Access via Colesden Road (Accesses G & H)

- Roundabout access to employment area with an allowance of £500,000

The Lane

- Pedestrian improvements with an allowance of £184,000

Rockery Road

- Pedestrian improvements with an allowance of £37,400

Bushmead Road

- Cycle improvements with an allowance of £2,000

Great Barford Village

- Traffic calming within Great Barford (assumed 5 pinch points) with an allowance of £35,000

A1 / Chawston Lane Junction

- Extension of slip roads with an allowance of £250,000

A1 / The Lane junction

- Full signalisation of the junction with an allowance of  $\pm 137,000$ 

#### Lee Farm, Sharnbrook

It is suggested that highway and junction improvements are required to allow for the increased capacity at the following offsite areas:

A6 / Sharnbrook Road Roundabout and Link Road

- A three-arm uncontrolled roundabout with minimal earthworks with an allowance of £500,000

- Improvements to Sharnbrook Road, including a new 1.5 km link road, with an allowance of £3,750,000

- An allowance of £5,000,000 for highway realignment and structural improvements to the existing railway bridge.

- A three-arm uncontrolled roundabout with minimal earthworks will cost £500,000
- New 2.5 km highway along Forty Foot Lane £6,000,000
- New railway bridge costed at £10,000,000

A new Railway Station on the Midland Mainline to include switching cross over, 2x platform station with large car park (i.e. a parkway station with 250+ parking spaces on a 2-track railway) at an allowance of £16,000,000. This represents the midpoint of a stated rate of £14,000,000 - £18,000,000.

It is also noted that they have proposed a 40% (£10,400,000) risk allowance for the new railway bridge and new railway station.

A6 / Mill Road Roundabout

- Provision of a two-lane approach to the north, two-lane running through the circulatory and exit merge, with an allowance of £75,000

A6 Paula Radcliffe Way / Clapham Road / The Great Ouse Way roundabout

- Full or part signalisation of the roundabout, with an allowance of £250,000

A6 Clapham Road / Manton Lane / Shakespeare Road roundabout

Signalisation, with an allowance of £1,083,538

Traffic Calming in Sharnbrook (assumed 5 X pinchpoints) with an allowance of  $\pm35{,}000$ 

Milton Earnest traffic management strategy, with an allowance of  $\pounds 77,000$ 

#### **Thurleigh Airfield**

It is suggested highway and junction improvement works are required to allow for the increased capacity due to the scheme at the following off-site areas:

Primary access via Thurleigh Road

Footway widening with an allowance of £150,000

Secondary access via Risely Road

Simple priority junction with an allowance of £250,000

Secondary Access via Keysoe Road

Simple priority junction with an allowance of £250,000

Improvements to pedestrian access along Thurleigh Road with an allowance of  $\pounds$ 1,600,000

Dualling of Thurleigh Road (northern and southern sections) with improvements to nine associated junctions, with an allowance of  $\pm 14,500,000$ 

Milton Earnest by-pass with an allowance of £10,000,000

A6 / Mill Road / Thurleigh Road roundabout

A6 / Forty Foot Lane Roundabout and Link

- capacity enhancements with an allowance of £137,400.

A6 / Manton Lane / Shakespeare Road roundabout

- Capacity enhancements with an allowance of £1,083,538

Bus priority / gate provision along the A6 corridor (Thurleigh Road north of Milton Earnest, Clapham Road) with an allowance of £1,800,000

Paula Radcliffe Way (A6)/ Clapham Road/ The Great Ouse Way roundabout

- Capacity enhancements to included fully signalised junction, with an allowance of £250,000

Traffic calming in local villages, with an allowance of £35,000

#### Twinwoods

Junction improvements and a new dual carriageway has been suggested to accommodate for the increase capacity provided by the scheme. SYSTRA have provided the following allowances:

Northern Bypass Roundabout

- A four-arm roundabout with an allowance of £500,000

Southern Bypass Roundabout

- A junction with left turn in and out and significant earthworks with an allowance of £400,000

A new Milton Ernest Bypass

- A new dual carriageway with three large roundabouts with an allowance of  $\pm 11,000,000$ .

Improvement to the A6 / Mill Road / Thurleigh Road roundabout

Signalised Junction with an allowance of £350,000

Thurleigh Road

- Widening the single carriageway to the A6 / Mill Road junction with an allowance of £500,000

#### A6 / Mill Hill

\_

- Upgrade to ghost island right turn lane with allowance of £36,500

B660/Thurleigh Road/Oldways Road junction

Part signalisation with an allowance of £34,200

#### Mill Hill/High Street in Thurleigh

- - Traffic calming measures and minor improvements at assumed 5 pinch points with an allowance of £35,000

#### Oakley and Bromham.

- Rat Running mitigation (assumed 5 pinch points - + 2 X gateway features) with an allowance of £77,000

Radwell Road and Bedford Road approaches to Milton Ernest village

- Traffic calming measures (assumed 5 pinch points - + 2 X gateway features) with an allowance of £77,000

Paula Radcliffe Way (A6)/ Clapham Road/ The Great Ouse Way/ roundabout

- Minor capacity enhancements with an allowance of  $\pounds 137,400$ 

A428 / A422 / Stagsden Road roundabout

- Minor capacity improvements with an allowance of  $\pounds 257,000$ 

B660/Avon Drive/Wentworth Drive

- Capacity improvements with an allowance of £188,800

Wentworth Drive / Norse Road / Church Lane and Hookhams Lane

- Capacity improvements with an allowance of £377,600

A6 / Manton Lane Roundabout

- Capacity enhancements to include full signalisation with an allowance of £1,083,538
- Potential bus gate with an allowance of £54,400

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# AECOM Cost Estimate 07

# 7.1 AECOM Cost Estimate

As part of this analysis, we have carried out our own estimate of the costs for the four schemes and also provided an indicative cost per year for the four promoter sites. This uses a combination of the following

- Details provided by the promoters
- Benchmark information from comparable schemes
- Input from Systra on transport measures
- Input from Bedford Council

# 7.2 Assumptions on infrastructure works for Residential

The main aspects that are covered are as follows, noting that the scope for each of the cost estimate covers the works that a master developer/ promoter would carry out to provide serviced plots and therefore does not include on plot works.

#### **On Site Infrastructure**

#### **Enabling Works and Demolition -**

Demolition and site clearance are shown for the entire site area for each scheme;

Promoter's Scheme	Site Area m <sup>2</sup>
Wyboston	2,930,000
Lee Farm, Sharnbrook	4,450,000
Thurleigh Airfield	4,720,000
Twinwoods	4,900,000

We have included a range of allowances for Decontamination and Archaeology which is based on the information provided by the promoters:

#### Wyboston

Generally the land around Bedford is considered good to very good quality land at Grades 3B to 2 but does have landfill materials including heavy metal, ash, asbestos and landfill gasses etc. It has also been noted that there are some Grade II listed buildings of Special Architectural or Historic Interest.

#### Lee Farm, Sharnbrook

The site is largely occupied by woodland and rural agricultural land and as such we would only need to

consider existing pesticides, fertilisers and the potential degradation of Oxford Clay. It is noted that there are known designated heritage sites and Grade II listed buildings of high archaeological potential.

#### Thurleigh

This is a brownfield/airfield site that would require the demolition of aerodromes and other buildings, where there is likely to have some decontamination risk. It is also noted that there are no designated heritage sites located within the boundary of the site but is still subject to site investigation.

#### Twinwoods

This is a brownfield site occupied by an existing business park. It is noted that some structures would require removal and as such pose a decontamination risk. It is also understood that this site has high heritage significance and archaeological interest.

**Strategic Earthworks** - We have allowed an pro-rata allowance based on the number of units for cut-and-fill across the sites.

**Roads** - This has been estimated using the promoters masterplan and vision documents for the primary road only. We have assumed a general width of 18.75m across all four sites based on comparable schemes and a length of:

Promoter's Scheme	Primary Road Length (m)
Wyboston	3,712
Lee Farm, Sharnbrook	4,056
Thurleigh Airfield	5,643
Twinwoods	6,840

**Drainage - This covers** surface water drainage distributed along the new highways, surface water attenuation measures, foul water distributed along the new highways and an allowance for one pumping station.

**Utilities** - This is based on an allowance of £500/unit for electrical, water, gas, security and communications distributed along the new highways. This is based on quotations received on other projects from GTC who are a major multi-utility service company (MUSCO). It was considered appropriate to include this, as the approach of utilising a MUSCO is being used on a number of comparable schemes.

Landscaping – We have applied allowances based on comparable schemes to the open space areas for formal and informal open space including woodland reinforcement based on the promoters masterplan areas. It is also noted that we have assumed playing pitches, LEAP's (Local Equipped Area for Play), LAP's (Local Area for Play) and NEAP's (Neighbourhood Equipped Area for Play) are included in the open space areas provided by the promoters. **Estate Management** – We have taken a rate of £2.50/m<sup>2</sup> for the total open space management and maintenance as a total allowance based on comparable schemes and assuming that these areas would not be adopted.

**Environmental Management** – We have allowed for £1,000,000 for noise attenuation costs for Wyboston and Thurleigh Airfield. For Lee Farm, Sharnbrook we have allowed for £2,000,000 due to the Santa Pod raceway which is located adjacent to the site and also the active rail line to the north of the site. We have also allowed £1,500,000 to mitigate the noise from the Red Bull wind tunnel testing building located near the Twinwoods Site.

**Waste Management** – An allowance of £1,000,000 has been included for on-site local recycling points.

#### B. Off-site Infrastructure

**Roads & Bridges** - As seen in Section 6, we have liaised with Systra and included the costs made available via their high level appraisal. This section also includes an allowance for the railway station and railway bridge for Sharnbrook, including risk at 40%.

**Drainage Reinforcement** – We have included an allowance of £5,000,000 for reinforcement works to foul water drainage for all the schemes. This therefore allows for connection to an off-site sewerage treatment works, on the assumption that the current foul water drainage capacity of each site is insufficient.

**Utilities Network Reinforcement** - We have utilised the information provided by the Council as the details provided by GTC were not conclusive. We have provided separate allowances for off-site reinforcement for electrical and potable water for all four schemes based on a spreadsheet from the Council & have include a notional allowance of £2,500,000 for reinforcement of the gas network. The telecommunication costs are covered in onsite utilities.

#### C. Section 106

This includes education (Primary and Secondary), Health Centre, indoor sports, Bus Subsidies, an allowance for a travel planning co-ordinator for over 10 years and for Travel Planning. This is based on the number of occupants, age and areas taken from our social infrastructure model which can been seen in section 10.

## 7.3 Miscellaneous

Section 38 Costs (adoption of on-site roads from plot edge to plot edge) – This is allowed as 12% of the total costs to cover adoption fees and commuted sums, assuming that all on-site roads are adopted

**Section 278 Costs (adoption of off-site roads) -** This is allowed as 12% of the total costs to cover adoption fees and commuted sums, assuming that all off-site roads are

adopted, including bridges.

**Professional Fees and Survey Costs** – This has been split to include the following and is deemed to include the preparation of the Planning Application:

Enabling works (excluding Archaeology) 11%,

Transport, Movement & Access (including railworks) 9%

Utilities (including drainage) 9%,

Green infrastructure at 11%

Community infrastructure at 12%

Survey Costs - £500,000

# 7.4 Phasing and Temporary Works

This is included as 2.5% of all costs for the infrastructure for residential and the commercial sites

# 7.5 Design Development and Construction Contingency

This is included as 7.5% of all costs other than for the railway station & rail bridge which has a 40% risk allowance applied to the total cost. This is considered appropriate given the level of information available.

# 7.6 Main Contractor Preliminaries and Overheads and Profit

This is deemed to be included in the rates in the Cost Plan,.

# 7.7 Exclusions

The following exclusions are noted:

#### General

- VAT
- Site acquisition costs
- Financing costs and charges
- Inflation from 1Q 2017 prices
- All on plot development costs including residential & employment and associated landscaping, roads, utilities etc., other than where specifically stated in the Cost Plan.
- Any works outside the boundary of the site, other than where specifically stated
- Consideration of the impact of the Community Infrastructure Levy (CIL) other than that provided in section 11
- Legal fees, marketing costs etc.

Cost Estimate 4					
Bedford Council					
nflation					
					han als
			Lee	e Farm, Sharr 4,508 Units	
					1
INFRASTRUCTURE		QTY	UNIT	RATE	TOTAL SCHEME
				(£)	(£)
ON SITE INFRASTRUCTURE					55,4
nabling Works and Demolition					3,89
Demolition and site clearance	4	4,450,000	m2	0.25	1,1
Decontamination		1	no	759,500	7
Archaeology		1	no	2,019,000	2,0
Strategic Earthworks		202 75 4		15.00	4,55
lut and Fill Roads		303,754	m3	15.00	4,- 8,16
Construction Of New Primary Road (approx.) taken as		4,056	m	2,012	8,10
pprox. width 18.75m		.,500		2,012	0,1
Drainage					5,98
Surface Water Main distribution (Primary Road)		4,056	m	366	1,4
Surface water Attenuation measures		1	no	2,000,000	2,0
oul Water Main Distribution (Primary Road)		4,056	m	370	1,5
oul Water Pumping Stations tilities to include:		1	no	1,000,000	1,0
500/unit to include the following:		4,508	no	500	2,2
lectrical Installations		4,000	10	500	2,2
Primary Substation - 11kVA ring main					
ocal substations - See Main Distribution Costs below					
Main distribution ; HV and LV (Primary Road)					
ucting and Joint Pits, Say 16% of Main distribution cost					
bove //ater					
Primary Road Main Distribution					
as					
Plant; Gas Governors					
Main distribution - medium pressure gas connection					
ecurity					
rimary Road					
Communications Main distribution/Ducts only					
Civil Engineering					3,48
Common Services Trench to Spine Road and Primary		4,056	m	860	3,4
Roads		1,000		000	
General					1,50
Itilities Diversions		1	no	1,500,000	1,5
andscaping & Woodland					17,65
formal Open Space		280,000	m2	12.5	3,5
nformal Open Space Voodland / Reinforce planting if required	1	1,020,000 650,000	m2 m2	10 3	10,2
llotments		40,000	m2 m2	50	2,0
state Management		.0,000			4,97
Ilowance for Open Space Management & Maintenance	1	1,990,000	m2	2.50	4,
or Green Infrastructure costs					
nvironmental Management					2,00
loise attenuation		1	no	2,000,000	2,
Vaste Management Dnsite - local recycling points allowance		1		1 000 000	1,00
Drsite - local recycling points allowance		1	no	1,000,000	1,( 73,2
Roads					53.67
Vyboston					
424/A4280 'St Neots Road' / Water End grade separated					
unction improvements - improvements to A421					
lorthbound off slip and St Neots Road and A421					
outhbound off slip and St Neots road					
Staploe Road / Honeydon Road 'unnamed' junction					
mprovement					
Bedford Road / Roxton Road Junction - Signal Controlled					
Bushmead Road / Staploe Road junction improvement					
Primary Access Roxton Road / Chawston Lane / Colesden Road - Access A					
10au - A00033 A					

Bedford Council				
nflation				
			e Farm, Shar	arnb
			4,508 Uni	
INFRASTRUCTURE	QTY	UNIT	RATE	-
			(£)	
Roxton Road / Chawston Lane / Colesden Road junction	n			
Staploe Road - may require widening to accommodate vehicles Access B				
Staploe Road may require widening to accommodate				
vehicles as well as bridge upgrade - Access C				
The Lane - westernmost. Improvements to the existing				
junction will be required - Access D				
The Lane / Morris Walk - would need improvements to				
meet development requirmeents - Access E The Lane - easternmost. Improvements to existing junct	ion			
will be required - Access F Coleden Road Access - roundabouts - consider one				
unction on bend in highway - Access G&H three arm roundabout				
Pedestrian improvements to The Lane (1350 X 2m)				
Pedestrian improvements to Rockery Road (1100 X 1m)				
Bushmead Road cycle improvements (dedicated cycle track along length 1.9k)				
Traffic calming required in Great Barford (assumed 5 pinchpoints)				
Improvements to the A1 / Chawston Lane Junction - extension of slip roads				
Improvements to the A1 / The Lane junction - full signalisation				
Sharnbrook, Colworth New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout Improvements to Sharnbrook Road, including a new 1.50	it 			
New road onto Souldrop Road 7.3 m wide access ro ria existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout unction with the A6 three arm uncontrolled roundabout mprovements to Sharnbrook Road, including a new 1.5 nk road.	it 	no	3,750,000	0
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout Improvements to Sharnbrook Road, including a new 1.50 link road. Highway realignment and structural improvements to the existing railway bridge	it 	no	3,750,000	0
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout Improvements to Sharnbrook Road, including a new 1.5 link road. Highway realignment and structural improvements to the existing railway bridge North west of the site - Forty Foot Lane north -7.3m wide access to the new three arm roundabout with the A6 including a new bridge and a link to the A6 from the development A three arm uncontrolled roundabout	it	no	3,750,000 5,000,000 500,000	0
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout improvements to Sharnbrook Road, including a new 1.5 link road. Highway realignment and structural improvements to the existing railway bridge North west of the site - Forty Foot Lane north -7.3m wide access to the new three arm roundabout with the A6 including a new bridge and a link to the A6 from the development A three arm uncontrolled roundabout New 2.5km highway along Forty Foot Lane	it	no	3,750,000 5,000,000 500,000 6,000,000	D D D D
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout Improvements to Sharnbrook Road, including a new 1.5 link road. Highway realignment and structural improvements to the existing railway bridge North west of the site - Forty Foot Lane north -7.3m wide access to the new three arm roundabout with the A6 including a new bridge and a link to the A6 from the development A three arm uncontrolled roundabout New 2.5km highway along Forty Foot Lane New railway bridge	it		3,750,000 5,000,000 500,000	D D D D D D D D
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout function with the A6 A three arm uncontrolled roundabout mprovements to Sharnbrook Road, including a new 1.50 ink road. Highway realignment and structural improvements to the existing railway bridge North west of the site - Forty Foot Lane north -7.3m wide access to the new three arm roundabout with the A6 including a new bridge and a link to the A6 from the development A three arm uncontrolled roundabout New 2.5km highway along Forty Foot Lane New railway bridge Railway Station	it		3,750,000 5,000,000 500,000 6,000,000 10,000,000	0 0 0 0 0 0 0 0
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout unction with the A6 A three arm uncontrolled roundabout mprovements to Sharnbrook Road, including a new 1.50 ink road. Highway realignment and structural improvements to the existing railway bridge North west of the site - Forty Foot Lane north -7.3m wide access to the new three arm roundabout with the A6 including a new bridge and a link to the A6 from the development A three arm uncontrolled roundabout New 2.5km highway along Forty Foot Lane Wew railway bridge Railway Station 10% Optimism Bias on the rail bridge and railway statior Dff site junction improvements allowance to include the following:	it     1       km     1       a     1       a     1       a     1       b     26,000,000       b     26,000,000	no no no no no %	3,750,000 5,000,000 6,000,000 10,000,000 16,000,000 16,000,000	D D D D D D D D D
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout unction with the A6 A three arm uncontrolled roundabout mprovements to Sharnbrook Road, including a new 1.50 ink road. 	it     1       km     1       a     1       a     1       a     1       b     26,000,000       a     1       a     1       b     1       a     1       b     1	no no no no no no no no no no	3,750,000 5,000,000 6,000,000 10,000,000 16,000,000 0.40 75,000	D D D D D D D D D D
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout unction with the A6 A three arm uncontrolled roundabout mprovements to Sharnbrook Road, including a new 1.50 ink road. 	it     1       km     1       a     1       a     1       a     1       b     26,000,000       b     26,000,000	no no no no no no no no no no	3,750,000 5,000,000 6,000,000 10,000,000 16,000,000 16,000,000 75,000	D D D D D D D D D D D
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout unction with the A6 A three arm uncontrolled roundabout mprovements to Sharnbrook Road, including a new 1.50 ink road. 	it     1       km     1       a     1       a     1       a     1       a     26,000,000       a     1       a     1       a     1       b     1       a     1       a     1       b     1       a     1       b     1       a     1       b     1		3,750,000 5,000,000 6,000,000 10,000,000 16,000,000 16,000,000 75,000 250,000	
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout Improvements to Sharnbrook Road, including a new 1.50 link road. Highway realignment and structural improvements to the existing railway bridge North west of the site - Forty Foot Lane north -7.3m wide access to the new three arm roundabout with the A6 including a new bridge and a link to the A6 from the development A three arm uncontrolled roundabout New railway bridge Railway Station 40% Optimism Bias on the rail bridge and railway statior Off site junction improvements allowance to include the following: A6 / Mill Road roundabout - two lane approach to the north, two lane running through the circulatory and exit merge A6 'Paula Radcliffe Way' / Clapham Road/ The Great Ouse Way roundabout - full or part signalisation. A6 'Clapham Road' / Manton Lane / Shakespeare Road roundabout - signalisation	it       1         km       1         e       1         e       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1		3,750,000 5,000,000 6,000,000 10,000,000 16,000,000 0.40 75,000 250,000 1,083,538	D D D D D D D D D D D D D D D D D D D
New road onto Souldrop Road 7.3 m wide access ro via existing rail bridge (bridge deck) and realignmen on Sharnbrook Road to access the new roundabout junction with the A6 A three arm uncontrolled roundabout Improvements to Sharnbrook Road, including a new 1.50 link road. Highway realignment and structural improvements to the	it       1         km       1         e       1         e       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1         i       1		3,750,000 5,000,000 6,000,000 10,000,000 16,000,000 0.40 75,000 250,000 1,083,538 35,000	D D D D D D D D D D D D D D D D D D D

Bedford Proposals			
Cost Estimate 4			
edford Council			
flation			
	L	Lee Farm, Shar	nbrook
		4,508 Uni	ts
INER A STRUCTURE	0TV		
INFRASTRUCTURE	QTY UN	IT RATE	TOTAL SCHEME CO
		(£)	(£)
condary connections to Risley Road			
condary connections to Keysoe road			
provements to pedestrian access along Thurleigh Road			
alling of Thurleigh Road (northern and southern			
ctions) with improvements to nine associated junctions			
E			
ton Earnest by-pass - prior to 4,000 dwelling			
upation. bacity enhancements to A6 / Mill road / Thurleigh Road			
ndabout			
ndabout pacity enhancements to A6 / Mantion Lane /			
kespeare Road roundabout			
priority / gate provision along the A6 corridor			
urleigh Road north of Milton Earnest, Clapham Road)			
acity enhancement to the A6 'Paula Radcliffe Way' /			
pham Road / The Great Ouse Way roundabout (fully			
alised)			
fic Calming in Local Villages			
Iwoods			
hern Bypass Junction - four arm roundabout			
thern Bypass Junction - left turn in and out			
very of a dual Carriageway Bypass for Milton Earnest			
n Paula Radcliff way to Thurleigh Road			
rovement to Sharnbrook Turn Roundabout on the A46			
nalised Junction			
grades to the single carriageway Thurleigh Road up to			
A6 / Mill Road junction - widening by 1m			
grade to ghost island right turn lane at Mill Hill			
0/Thurleigh Road/Oldways Road junction – part			
nalisation.			
ffic calming/deterrence measures and minor			
rovements on Mill Hill/High Street in Thurleigh			
sumed 5 pinch points)			
t Running mitigation proposed between Oakley and			
mham. Similar to enforcement on approach to Renhold			
sumed 5 pinch points - + 2 X gateway features)			
ffic colming and deterronge massures would be			
iffic calming and deterrence measures would be oduced on the Radwell Road and Bedford Road			
broaches to Milton Ernest village. (assumed 5 pinch			
nts - + 2 X gateway features)			
Clapham Road / The Great Ouse Way roundabout			
8 / A422 / Stagsden Road roundabout – minor			
rovements			
0/Avon Drive/Wentworth Drive			
ntworth Drive / Norse Road / Church Lane and			
khams Lane.			
Manton Lane Roundabout - signalisation			
Manton Lane Roundabout - bus gate			
site Infrastructure Utilities			
inogo reinforcement			E 000
inage reinforcement	1	no 5,000,000	<b>5,000,</b> 5,000
ties Network reinforcement	1	5,000,000	14,600,
ctrical Allowance	1	no 10,000,000	10,000
Allowance	1	no 2,500,000	2,500
able Water	1	no 2,100,000	2,500
ecommunications Excluded	•		2,100
tion 106			80,532
ication / Pupil			63,390,
ly Year	570	no 19,620	11,183
nary School	1,450	no 19,620	28,449
ondary School	950	no 20,840	19,798
it 16	190	no 20,840	3,959

Bedford Proposals		1		Τ	
Cost Estimate 4					
Bedford Council	<b></b>			-	
nflation	<b></b>	-			
	<b>_</b>				
	<b></b>	1 -	e Farm, Shar	nbrook	
		Le	e Farm, Shar 4,508 Unit		
			1	1	
INFRASTRUCTURE	QTY	UNIT	RATE	TOTAL SCHE	EME COST
			(£)	(£)	
lealth and Social Care Facilities	1.500		0.070		6,477,400
Primary care facility Hospital Space	1,520	m2	2,070		3,146,400
Mental Healthcare Space	440	m2	2,940		1,293,600
xtra Care Facilities	1,670	m2			2,037,400
Community and Civic	.,		.,		4,845,600
Aulti Use Community Facility (Including Library and Art)	1,780	m2	1,970		3,506,600
Police Station	240	m2	2,060		494,400
ire Station	350	m2	2,060		721,000
Ambulance Station	60	m2	2,060		123,600
ndoor Sports		_		-	3,007,800
Swimming Pool Lanes			004 555		0.007.000
Sports Hall Courts	5	no	601,560		3,007,800
ndoor Bowl Rinks Green/Open Space and Recreation					0
Assumed to be within the promoters suggested areas					U
Fravel Allowances					2,811,600
Fravel Allowances	1	no	300,000		300,000
owance for bus Subsidies based on a 2800 unit scheme	1	no			1,610,000
£1,000,000	· ·		,,		,,
llowance for travel planning measures based on	4,508	no	200		901,600
200/unit					
					-
SCELLANEOUS					28,638,660
Section 38 Agreement - Adoption fees for all on-site	8,160,672	%	0.12	979,281	
roads	0,100,072	70	0.12	979,201	
Vaug					
Section 278 Agreement - Adoption fees for all off-site	53,670,538	%	0.12	6,440,465	
roads including bridges	33,010,330	/0	0.12	0,440,405	
vaus monuming bringes		-			
Professional Fees & Survey Costs					
Enabling works (excluding Archaeology)	0.11	%	6,428,314	707,115	
Transport Movement and Access	0.09	%	61,831,210		
Jtilities (including Drainage and Waste Management)	0.09	%	31,573,376	2,841,604	
Green Infrastructure	0.11	%	17,650,000	1,941,500	
ducation, Health & Community Infrastructure	0.12	%	80,532,400	9,663,888	
urvey Costs	1.00	Item	500,000	500,000	
				007 04 1 001	
SUB TOTAL				237,901,960	
PHASING & TEMPORARY WORKS	237,901,960		0.025	5,947,549	
SUB TOTAL				243,849,509	
CONTINGENCY (Excluding Rail Bridge and Railway Station as this is covered by the Optimism Bias	207,449,509	_	0.075	15,558,713	
OTAL				259,408,223	
				200,400,220	
ROUNDING				(408,223)	
FRASTRUCTURE TOTAL				259,000,000	
ecom cost Per unit				259,000,000 57,453	
Promotore Coste Evoluding Cil				240 775 074	
Promoters Costs Excluding Cil Promoters cost Per unit				249,775,074 55,407	

Bedford Cos	ts Delivery per year (%)			
	LeeFarm, Sharnbr		rook	
		Units	Unit %	Expenditure %
Yr1		200	4.44%	15%
Yr2		200	8.87%	
Yr3		200	13.31%	
Yr4		200	17.75%	
Yr5		200	22.18%	
Yr6		200	26.62%	
Yr7		200	31.06%	
Yr8		200	35.49%	
Yr9		200	39.93%	
Yr10		200	39.93% 44.37%	
Yr11				
Yr12		200	48.80%	
Yr13		200	53.24%	
Yr14		200	57.68%	
Yr15		200	62.11%	
Yr16		200	66.55%	
Yr17		200	70.98%	
Yr18		200	75.42%	
Yr19		200	79.86%	
Yr20		200	84.29%	
Yr21		200	88.73%	
Yr22		200	93.17%	
Yr23		200	97.60%	
Yr24		108	100.00%	100%
Yr25				
Yr26				
Yr27				
Yr28				
Yr29				
Yr30				
		4500		
Total		4508		

# AECOM Total Costs of the four schemes compared with AECOMS Benchmarking

## 8.2 Lee Farm, Sharnbrook

	Sharnbrook Aecom	AECOM Cost Per Unit	AECOM Average Benchmark Cost Per Unit
Site Preparation Including environmental and waste management & phasing / temporary			
works	17,394,863	3,859	4,251
Transport Infrastructure( on and off site)	69,250,955	15,362	15,627
Utility Infrastructure(on and off site)	32,827,376	7,282	9,151
Community Infrastructure (S106)	80,532,400	17,864	10,246
Green Infrastructure	22,625,000	5,019	3,034
Professional fees	21,218,915	4,707	4,038
Design Development &Construction Contingency	15,558,713	3,451	3,231
Total Cost Per Unit	259,408,223	57,544	49,578
Units	4508		

The total estimate cost is at £57,453 per unit (rounded). This is costed at the higher end when compared with the other schemes, and is also apparent when compared against AECOM's Benchmark cost. In particular the transport infrastructure is above our average. This is due to the £16,000,000 rail way station and the £10,000,000 railway bridge proposed with the scheme. The green infrastructure costs are also above average but aligns with the Garden Village Principles. We have based our section 106 costs on our social infrastructure model in section 10.

## 8.5 AECOM costs for the four schemes against our AECOM Benchmark Average

	Lee Farm,	AECOM Benchmark
	Sharnbrook	Average
Site Preparation	3,859	4,251
Transport Infrastructure( on and off		
site)	15,362	15,627
Utility Infrastructure(on and off site)	7,282	9,151
Community Infrastructure / Section		
106	17,864	10,246
Green Infrastructure	5,019	3,034
Professional fees	4,707	4,038
Design Development &Construction		
Contingency	3,451	3,231
Total Cost Per Unit	57,544	49,578
Units	4508	

Overall, the costs are relatively consistent and align with our average benchmark costs, with the exception of Lee Farm, Sharnbrook which is due to the additional railway station and railway bridge. The Section 106 costs are based on our social infrastructure model in section 10. The site preparation works are all below average which may be expected of arable/greenfield land but we would expect a higher rate for Thurleigh Airfield and Twinwoods due to some demolition works that are required. The costs per unit for green infrastructure are reasonable, which the exception of Wyboston and align with the Garden Village Principles upon which the four schemes are based on.

# 8.6 Residential and Employment Rates

#### General

It is noted that the following costs all exclude professiona fees & contingency.

#### Houses (Private & Affordable)

We have obtained the following residential costs from BCIS, based on the following locations surrounding Bedfordshire:

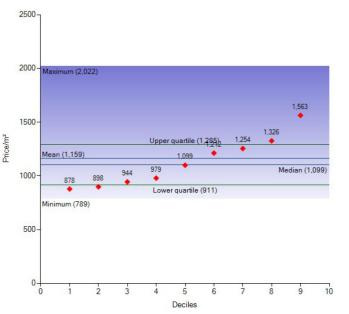
- Bedfordshire
- Buckinghamshire
- Northamptonshire
- Cambridgeshire
- Leicestershire
- Essex's (Chelmsford, Harlow, Braintree only)

The rates were adjusted to the location factor (Bedfordshire) and rebased to Q1 2017.

The residential build rates as seen in the graph below are

based on 27 samples at a mean rate of £1,159/m2

We have used this as a base rate and applied 10% allowance for on plot infrastructure which includes external works, tertiary roads, utilities etc. to provide an overall rate of  $\pm$ 1,275 /m<sup>2</sup> for housing.



It should be noted that we were unable to acquire adequate sample size of apartments from BCIS and therefore have based the following rates on the housing rates above and applied a 10% uplift. This accounts for the increased cost and higher expense associated with building apartments. This provides us with a rate of  $\pounds$ 1,275/m2. We have then allowed for an additional 10% to allow for on plot works to provide an overall rate of  $\pounds$ 1,402/m2.

#### Employment

We have considered the following rates for B1 employment based on our data:

B1/B2 Class considers light industrial office buildings. We have allowed for an economical shell and core with heating only with a range of  $\pounds$ 750-940/m2, and taken the midpoint of  $\pounds$ 845/m2. We have then applied a 10% allowance for on plot infrastructure works to provide an overall rate of  $\pounds$ 929/m2.

Should the need for warehouse and distribution centres arise we have allowed for a high bay (10-15m high) for owner occupation (no heating) up to 10,000 m2. This gives us a range of £335-420/m2 with a midpoint of £377/m2. We then applied 10% for on plot infrastructure works to the midpoint rate of £377/m2 to give us an overall rate of £414/ m2.

# 9th January 2018 Density Summary

# 9.0 Density and Nett:Gross Developable Area

When calculating the nett:gross ratio and density of the site we used the promoters masterplan and areas and this is set out in the following table:

Land Useage	Wyboston	Sharnbrook	Thurleigh	Twinwoods
Promotes Site Area Ha (Red line boundary)	293	445	472	49
	56.4 ha Included For	16.8 ha Included for		
Missing Space	Infrastructure	Infrastructure		
Residential				
Gross Site Area	256	401	392	429
All Primary and Secondary Schools - Ha	230		20	
Pro Rata Allocation of Open Space - Ha	38.7		172	
Pro Rata Allocation of roads & Other Areas - Ha	61		28	
Nett developable Land Area of Residential - Ha	134		172	
Number of Units	4000		5250	
Nett:Gross on Residential	52%		44%	
Residential Density (Dwellings Per Ha)	30	29	31	36
			Retained & Intensified (Overlap with	
			District Sand Local Centre (7ha)) include	
	B1 & B2	-		-
			B1a floorspace, studios/workship, retail	
Employment			and lesiure uses	
Gross Site Area	37	44	80	61
Pro Rate Allocation of Open Space - Ha	6.3		28	
Pro Rata Allocation of roads & Other Areas - Ha	10		4	2.1.2
Nett developable Land Area of Employment- Ha	21		48	21
Nett:Gross on Employment	56%		60%	
Build Up To Promoters Site Area	50%	10%	00%	34/0
Build Op TO FTOILIOLETS SILE ATEa				
	Village centre-Retail and small		4 Local Centres (1.5 ha each) and 1	1 Village Centre & Network
	scale commercial centre &		District Centre (6 Ha)	of supporting smaller local
Village and Local Centres	Village Hall and Grounds	Land	District centre (o rid)	centres
Gross Site Area - Ha	6	3.85	12	
Fishing Village Complex	Fishing Complex	-	-	-
Gross Site Area - Ha	9			
Primary School (no.)	2	4 (3 ha each)	4 (2 ha each)	4
Gross Site Area - Ha	22	12	8	11.2
	1 - Included in Primary School			
Secondary School (no.)	Gross site area	1	1	1
Gross Site Area - Ha		6	12	10
Infrastructure - Included the missing Ha as Road				
Infrastructure	-	-	Primary Road Network/utility provision	Main road & Cycle
Gross Site Area - Ha	56.4	16.8	20	12
Gross Site Area - Ita	50.4	3 ha of formal play, Plus	20	12
	Farmal Crawto Ditabase			Formed District District
	Formal Sports Pitches			Formal Playing Pitches
Formal Public Open Space		Including Golf Course (12 ha)		
Gross Site Area - Ha	3	28	48	
	Including 22ha of informal open			Urban agriculture, play areas
Informal Public Open Space	space	grassland		and buffer
Gross Site Area - Ha	42	102	46	229
Woodland	-	-	Ancient	
Gross Site Area - Ha		65	18	25
			Ecology (open grassland) plus structual	
Ecology	-	New Planting	Planting (38ha)	
Gross Site Area - Ha		32	88	
Attenuation Ponds		52		
Gross Site Area - Ha		10		
		10		
Allotments		_		
Gross Site Area - Ha		4		

Open Space and Recreation		Wyboston Promoters Area	Lee Farm, Sharnbrook Promoters Area	Thurleigh Airfield Promoters Area	Twinwoods Promoters Area
Outdoor Sport Playing Fields	Ha	3.00	25.00	48.00	16.00
Parks and Gardens	Ha	20.00	133.00	38.00	229
Natural Green Space / Woodland	Ha	22.00	65.00	64.00	25
Allotments	Ha		4.00		
Childrens Informal Playspace	Ha				
Childrens Formal Playspace	Ha		3.00		
Total		45.00	230.00	150.00	270.00

# 9.1 Garden Village Principles

Listed below are the Garden Village Principles created by the Town and Country Planning Association and follows:

- 'A Garden City is a holistically planned new settlement which enhances the natural environment and offers high-quality affordable housing and locally accessible work in beautiful, healthy and sociable communities and includes:
- Land value capture for the benefit of the community.
- Strong vision, leadership and community engagement.
- Community ownership of land and long-term stewardship of assets.
- Mixed-tenure homes and housing types that are genuinely affordable.
- A wide range of local jobs in the Garden City within easy commuting distance of homes.

- Beautifully and imaginatively designed homes with gardens, combining the best of town and country to create healthy communities, and including opportunities to grow food.
- Development that enhances the natural environment, providing a comprehensive green infrastructure network and net biodiversity gains, and that uses zero-carbon and energy-positive technology to ensure climate resilience.
- Strong cultural, recreational and shopping facilities in walk-able, vibrant, sociable neighbourhoods.
- Integrated and accessible transport systems, with walking, cycling and public transport designed to be the most attractive forms of local transport.'

# 9.2 Wyboston Garden Village Principles

The promoters have provided a brief version of their understanding of the principles found within the vision document and is as follows; Garden Village A natural evolution of an historical farming land settlement. Self-reliant with a true village feel, Wyboston Garden Village will feature walk-able neighbourhoods, generous front gardens, wide tree-lined roads and a village centre, blending to create a true sense of place. First-class facilities will be connected with public rights of way, circular walking routes, cycling paths and bridleways, ensuring existing communities benefit from the garden village centre and new links to leisure and recreation facilities at Chawston Lakes.

The overall density / number of dwellings per hectare (dph) offered for Wyboston is 30 and is aligned to the garden principles. The the nett developable area:gross area for residential is 52% and is due to the lower provisions of total open space provided for Wyboston at 45 ha which is lower than what is delivered in the other schemes.

# 9.3 Lee Farm, Sharnbrook Garden Village Principles

The promoters have recognised and will consider creating a new settlement based on the Garden Village Principles.

They have noted that the scheme needs to be of a sufficient scale to deliver infrastructure and benefits for residents, but not so large as to necessitate costs and intervention that erect major barriers for development.

As such the scheme offers 29 dwellings per hectare and a nett area:gross developable area for residential at 39%. This is supported by 230 ha of open space including allotments which allows enhancements to the natural environment, a comprehensive green infrastructure network and opportunities to grow food.

## 9.4 Thurleigh Airfield, Garden Village Principles

The masterplan is based on Garden City principles mentioned in section 6.1, to create a healthy, natural and diverse place to live and work. Within the Vision document the promoters have suggested the area will allow for nucleated, linear and dispersed villages in the wider landscape. The scale of the site, affords the opportunity of linear development along the length of the runway, whilst using the width of the site to create distance between neighbourhood cells to allow for a more dispersed approach. The scheme offers this by suggesting 31 dwellings per hectare and nett area:gross developable area of 44%. The latter is at the higher end when compared with the other schemes. However as an existing brownfield site the scheme does include retention and intensification of employment opportunities to provide a sustainable new settlement.

# 9.5 Twinwoods, Garden Village Principles

The promoters have based their scheme on the Garden Village principles. They expect the proposal will utilise a large area of previously developed land providing a high ratio of green space to built-development, such that the traditional principles of a Garden Village can be met. This will provide for convenient access and movement incorporating a range of transport modes.

It should be noted that a fundamental principle of Garden Villages is that of low residential density requirement, whilst also supporting public transport. The residential density offered by Twinwoods is 36 dwellings per hectare and therefore may be considered incompatible with a garden village. However it should be noted the nett area:gross developable area is 38% and this is due to Twinwoods providing the largest open space areas of the four schemes, at 270 ha.

# Social Infrastructure Model

Draft Infrastructure Assessment

		Scenario 1 - Lee Farm Sharnbrook	Scenario 2 - Thurleigh Airfield	Scenario 3 - Land at Twinwoods	Scenario 4 - Wyboston Garden Village	Tot
Total Units		4,508	5,250	6,000	4,000	19,7
Population estimate		12,699	12,875	15,794	9,888	51,2
Population Age Profile						
0-3		657	631	818	515	2,6
4-10		1,335	1,141	1,577	912	4,9
11-15'		1,162	892	1,347	787	4,1
16-17		473	352	549	328	1,7
18-19		388	281	456	280	1,4
20 - 24		714	611	880	578	2,7
25 - 29		617	669	831	569	2,6
30 - 34		699	772		604	3,0
35 - 39		816	849			3,3
40 - 44		987	995			3,9
45 - 49		978	1,004			3,8
50 - 54		823	879			3,3
55 - 59		676	781			2,8
60 - 64		673	829			2,9
65 - 69		525	641			2,2
70 - 74		416	526			1,8
75 +		760	1,022			3,5
Total Population	_	12,699	12,875	15,794	9,889	51,2
Education Facilities						
Early Year Places (FTE)	Pupils	568	662	756	504	2,4
Early Year Facilities	Nursery	18.9	22.1	25.2	16.8	83
Early Year Facilities Floorspace	Sq.m	1,704	1,985	2,268	1,512	7,4
Primary School Children	Pupils	1,452	1,691	1,932	1,288	6,3
Primary School Form Entries	FE	6.9	8.1	9.2	6.1	30
Secondary School Children	Pupils	947	1,103	1,260	840	4,1
Secondary School Form Entries	FE	6.3	7.4	8.4	5.6	27
Post 16 Pupils	Pupils	189	221	252	168	83
College facility	Schools	0.5	0.6	0.6	0.4	2.
Health and Social care Facilities						
General Practitioners	GP	7	7	9	5	2
Primary Care Centre Floorspace (sq.m)	Sq,m	1,164	1,180	1,448	906	4,6
Dental Surgeons	Dentist	7	7	9	6	2
Dental Surgery Floorspace (sq.m)	Sq.m	361	366	449	281	1,4
Hospital Beds	Beds	25	25	31	19	10
Hosptial Space (sq.m)	Sq.m	3,982	4,038	4,953	3,101	16,
Mental Healthcare Beds	Beds	5	5	6	4	2
Mental Healthcare Space	Sq.m	435	441	542	339	1,7
Extra Care Beds Extra Care Facilities	Beds	19	26	26	18	8
Extra Care Facilities	Sq.m	1,678	2,256	Land at Twinwoods         Wybostom Garden Village           6,000         4,000           5         15,794         9,888           15,777         912           1,347         787           5.49         328           456         280           880         578           881         569           927         604           1,027         632           1,209         736           1,189         727           1,011         633           849         544           859         554           673         434           543         348           1,049         708           5         15,794         9,889           5         504           25.2         16.8           2,268         1,512           1,932         1,288           9.2         6.1           1,260         840           8.4         5.6           252         168           9         6           449         281           31         19           4,953         3,1	/,0	
Community and Civic						
Community Space	Sq.m	825	837	1,027	643	3,3
Library Space (sq.m)	Sq.m	381	386			1,5
Art & Cultural Space (sq.m)	Sq.m	571	579			2,3
Police Station	Station	0.2	0.2			1.
Police Station	Sq.m	237	240			95
Fire Station	Station	0.3	0.3			1
Fire Station	Sq.m	346	351			1,3
Ambulance Station	Station	0.1	0.1			0
Ambulance Station	Sq.m	61	61	75	47	24
Indoor Sports						
Swimming pool lanes	lanes	1.6	1.6			6.
Sports hall courts	courts	4.6	4.7		3.6	18
Indoor bowl rinks	rinks	0.7	0.7	0.9	0.6	3 (

# 10.1 Social Infrastructure Model

The population and social infrastructure assumptions on which our cost estimate is based on include high level analysis using a bespoke model developed by AECOM. We have then applied 2011 Census data from Bedford Borough Council and housing assumptions to understand the impact of each potential site proposal.

AECOM have developed an age profile for the 4 scenarios through the application of ONS Census 2011 household profiles to match the identified housing mix.

The social infrastructure impacts have been identified through applying a set of planning standards to each scenario. These assumptions are based on best practice standards and where possible directly from Bedford Borough Council's planning guidance documents. For example, the education impacts, indoor sports facilities and green infrastructure requirements have been calculated using local standards and are therefore aligned with Bedford's specific requirements.

We have used this information as a basis for our section 106 costs seen in section 7.0, albeit we have made specific adjustments following discussions with the council covering the omission of hospital space, swimming pools and indoor bowls. PAGE LEFT INTENTIONALLY BLANK

# Sensitivity for including CIL (Community Infrastructure Levy)

# 11.1 CIL (Community Infrastructure Levy)

We have also carried out a sensitivity analysis in respect of the s106 costs (including 2.5% Phasing & Temporary allowance and 7.5% contingency) by comparing this with the relevant CIL charges with a 25% additional allowance covering private residential only. This is shown in the table below and identifies the following differences between the two. It should be noted that we have used the m<sup>2</sup> residential area for all four schemes based on BNP Paribas Real Estate, Review of Financial Viability Submissions report.

Sensitivity Comparison between CIL and S106 Private	Lee Farm, Sharnbrook £ 70% Private (Area 5) 3,156	
Residential m2 Average	107	
Total Residential m2	337,187	
CIL (Community Infrastruture Levy) based on Areas	144	
Total CIL excluding 25% allowance	48,554,934	
Additional 25% Allowance	12,138,733	
Total CIL	60,693,667	
AECOM S106 Plus Professional Fees, Phasing/Temporary Works &		
Contingency	99,385,035	

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Bedford Settlements Cost Estimate

#### About AECOM

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# RESIDENTIAL COMPARABLE EVIDENCE SCHEDULE



### PRIVATE RESIDENTIAL COMPARABLES

Colworth Park, Sharnbrook

St Marys Place, Carl	ton	
Developer	Bushmead Homes	
Construction Start	N/A	
Construction End	January 2020	
Sale Start	October 2019	
Sale End	TBC	
		St Mary's Place is a new build development consisting of 2,3 and 4 bedroom homes in the village of Carlton consisting of 19 homes, of which 15 have sold. A selection of the sold comparables are detailed below.
		Carlton is located approximately 4 miles to the South West of Sharnbrook, approximately 8 miles to the North East of Bedford and therefore we would expect values in the subject scheme to be similar.

Туре	SQFT	Sale Price	£/SQFT
2 bedroom semi detached	880	£290,000	£330
3 bedroom semi detached	1,119	£400,000	£366
3 bedroom semi detached	1,133	£390,000	£344
4 bedroom detached	1,577	£500,000	£317



#### Lavendon Fields, Soames Close, Lavendon, Olney, Milton Keynes, MK46 4EJ

Lavenuon rielus, s	boames close, Lavendon,	Onley, Mill	.on Keyn			
Developer	David Wilson Homes	David Wilson Homes				
Construction Start	N/A	N/A				
Construction End	September 2020					
Sale Start	October 2020	October 2020				
Sale End	TBC					
			Lavende and 5 b Bucking the sale			
			Lavendo West of slightly market			
	Туре	SQFT				
	4 bedroom semi detached	1260				
	4 bedroom semi detached	1220				
	4 bedroom detached	1746				



Lavendon Fields is a new development consisting of 3, 4 and 5 bedroom homes in the village of Lavendon, Buckinghamshire. The first phase consists of 95 plots and the sales prices are detailed below.

Lavendon is located approximately 7 miles to the South West of Sharnbrook and we would expect values to be slightly higher in this location, due to it's proximity to the market town of Olney and the selection of amenities.

Туре	SQFT	Sale Price	£/SQFT
4 bedroom semi detached	1260	485,000	£384
4 bedroom semi detached	1220	£469,000	£389
4 bedroom detached	1746	£669,000	£383
5 bedroom detached	1951	£729,000	£373



#### Lavendon Road, Olney, Buckinghamshire MK46 4BB

Developer	Francis Jackson Homes			
Construction Start	N/A			
Construction End	June 2021			
Sale Start	September 2020 TBC			
Sale End				Langur L
				w development consisting of 2, es in the village of Olney,
			The development will consist of 50 homes in total and the first phase consisting of 25 units is currently being constructed of which, 10 units have sold so far. The agent confirmed that all units sold thus far are 3 and 4 bedroom houses that have sold at asking price. The 2 bedroom houses are due to be released next year and the agent confirmed that they anticipate marketing these at £340,000 per unit.	
			expect sales values to	d market town and we would be higher than those at superior selection of amenities the scheme.
	Туре	SQFT	Sale Price	£/SQFT
	3 bedroom Semi Detached	1,100	£425,000	£386
	3 bedroom Semi Detached	1,100	£435,000	£395
	3 bedroom Detached	1,550	£595,000	£383
	4 bedroom detached	1,841	£685,000	£372
	2 bedroom Semi detached	861	£340,000 (anticipated)	£400



# Darcie Park, Chelveston Road, Raunds, NN9 Taylor Wimpey Developer Construction N/A Start Construction End Sale Start N/A Sale End TBC



Darcie Park is a new development comprising of new 2, 3, 4 and 5 bedroom homes, situated in an semi-rural location on the edge of the small Northamptonshire town of Raunds.

The development is located approximately 11 miles to the north of Sharnbrook and we would expect values to be significantly higher in the subject scheme due to its proximity to Bedford.

Туре	SQFT	Sale Price	£/SQFT
2 bedroom semi detached	689	£198,000	£287
3 bedroom terraced	1,149	£260,000	£226
3 bedroom semi detached	967	£278,000	£288
4 bedroom detached	1,562	£370,000	£237

RAPLEYS

### ST ANDREW AT KINGS FIELD, BROMHAM ROAD, BEDFORD

Developer	Bovis Homes
Construction Start	N/A
Construction End	2018
Sale Start	N/A
Sale End	N/A



St Andrews at Kings Field consists of various parcels of land being brought forward by developers. Bovis Homes have sold out their first phase with sold values noted below.

The scheme is located on the outskirts of Bedford and benefits from good transport links and open green spaces. However we would expect the subject scheme to achieve superior values due to it being a garden village.

			5 5 5	
Address	Туре	SQFT	Sale Price	£/SQFT
6 Argyll Heath	2-Bed - Semi-detached	840	£284,000	£338
11 Kings George Avenue	4-Bed - Terraced	1,216	£300,000	£247
7 King George Avenue	5-Bed - Detached	1,593	£385,000	£242
38 King George Avenue	Detached	2,325	£611,500	£263
40 King George Avenue	Detached	2,325	£670,000	£288
3 Glen Grove	3-Bed - Terraced	1,184	£329,000	£278
9 Glen Grove	3-Bed - Terraced	1,184	£329,000	£278
7 Glen Grove	3-Bed - Terraced	1,184	£322,000	£272
5 Glen Grove	3-Bed - Terraced	1,184	£320,000	£270
1 Glen Grove	Detached	1,410	£419,950	£298
19 Cameron Crescent	Detached	1,981	£599,995	£303
9 Cameron Crescent	Detached	2,325	£650,000	£280
5 Cameron Crescent	Detached	1,981	£589,995	£298
3 Cameron Crescent	Detached	1,249	£409,995	£328
1 Cameron Crescent	Detached	1,249	£409,995	£328
7 Cameron Crescent	Detached	1,981	£589,995	£298
10 Cameron Crescent	Detached	2,088	£568,000	£272
17 Cameron Crescent	Detached	1,765	£549,995	£312
12 Cameron Crescent	Detached	947	£322,950	£341
21 Cameron Crescent	Detached	1,981	£599,995	£303



### St Marys at Kings Field, Bedford, MK40

Developer	Linden Homes
Construction Start	N/A
Construction End	ТВС
Sale Start	N/A
Sale End	TBC



The scheme is located in the village of Biddenham on the outskirts of Bedford to the south of the subject scheme. The site is part of a wider development scheme.

The scheme is being developed by Linden Homes and consists of a mix of house types and sizes, similar to what we expect on the subject site. We would expect the subject scheme to achieve superior values due to it being a garden village.

Address	Туре	SQFT	Sale Price	£/SQFT
24 Dace Bank	Detached	2,325	£603,750	£260
4 Bream Close	Detached	1,356	£400,000	£295
2 Bream Close	Detached	990	£335,995	£339
12 Bream Close	Detached	969	£340,000	£351
14 Bream Close	Detached	969	£335,000	£346
12 Zander Grove	Detached	1,195	£365,000	£305
18 Zander Grove	Detached	1,744	£490,000	£281
2 Zander Grove	Detached	969	£340,000	£351
16 Dragonfly Crescent	Detached	1,561	£455,000	£291
61 Dragonfly Crescent	Semi-Detached	678	£269,995	£398
31 Lacewing Drive	Detached	1,184	£394,995	£334
39 Lacewing Drive	Semi-Detached	840	£299,995	£357
47 Lacewing Drive	Detached	969	£344,995	£356
40 Lacewing Drive	Detached	1,970	£589,995	£299
44 Lacewing Drive	Semi-Detached	1,733	£524,995	£303
	2 bedroom apartment	728	£250,000	£343



#### Woodlands Park, Ashmead Road, Bedford

Developer	Taylor Wimpey
Construction Start	N/A
Construction End	ТВС
Sale Start	N/A
Sale End	TBC



Woodlands Park is located to the north of Bedford and to the south of the subject scheme. The scheme consists of mixed variety of different house types and appears to be the next phase in a larger development. The site comprises of 2, 3, 4, and 5bedroom units. Again, we would expect the subject scheme to achieve superior values due to it being a garden village.

Address	Туре	SQFT	Sale Price	£/SQFT
6 Crispin Drive	5-Bed - Detached	2,077	£445,000	£214
3 Ribston Close	3-Bed - Semi-Detached	1,076	£243,000	£226
17 Ribston Close	5-Bed - Detached	2,152	£505,000	£235
12 Ribston Close	3-Bed - Terrace	1,098	£255,000	£232
16 Saltcote Way	3-Bed - Semi-Detached	840	£295,000	£351
13 Saltcote Way	3-Bed - Semi-Detached	850	£250,000	£294
3 Egremont Mews	3-Bed - Semi-Detached	926	£277,500	£300



#### ASPIRE, NORSE ROAD, BEDFORD

Developer	Orbit Homes
Construction Start	N/A
Construction End	ТВС
Sale Start	N/A
Sale End	ТВС



Orbit Homes have developed this site to the north east of Bedford. The site is located to the south east of the subject scheme.

The site comprises a mixture of house types and consists of 1, 2, 3, and 4- bedroom units. This scheme is slightly historic and was built in c. 2014-15. The values below are resales across the scheme that took place in the last 12 months.

Address	Туре	SQFT	Sale Price	£/SQFT
39 Fiona Way	2-Bed - Terrace	778	£236,500	£304
20 Lady Mayor Drive	2-Bed - Terrace	635	£218,00	£343
89 Lady Mayor Drive	Semi-Detached	850	£270,000	£318
26 Lady Mayor Drive	Semi-Detached	850	£270,000	£318
9 Flamville Road	2-Bed - Semi-Detached	732	£263,000	£359
1 Flamville Road	3-Bed - Semi-Detached	893	£268,000	£300
22 Markham Rise	2-Bed - Terrace	624	£222,000	£356
19 Primrose Fields	3-Bed - Detached	958	£300,000	£313
38 Primrose Fields	3-Bed - Semi-Detached	829	£270,000	£326
36 Appledine Way	2-Bed - Semi-Detached	624	£215,000	£345
14 Appledine Way	Detached	904	£285,000	£315



Southern Cross, Wi	xams, MK42 6AW			
Developer	Barratt			
Construction Start	N/A			
Construction End	TBC			
Sale Start	N/A			TIT
Sale End	TBC			
			Barratt have developed this s Bedford. The site is located t subject scheme.	
Address	Туре	SQFT	Sale Price	£/SQFT
	2 bedroom apartment	620	£212,995	£343

# COMMERCIAL COMPARABLE EVIDENCE SCHEDULE

# Sale Comps Map & List Report



#### SALE COMPARABLES LOCATIONS



#### SALE COMPARABLES SUMMARY STATISTICS

Sales Attributes	Low	Average	Median	High
Sale Price	£300,000	£1,527,283	£1,250,000	£4,201,193
Price Per SF	£37	£152	£123	£360
NI Yield	8.7%	8.8%	8.8%	9.0%
Time Since Sale in Months	5.3	13.7	13.0	23.0
Property Attributes	Low	Average	Median	High
Building SF	6,124 SF	13,299 SF	9,135 SF	43,386 SF
Floors	1	3	3	7
Typical Floor	1,182 SF	4,740 SF	2,776 SF	15,823 SF
Vacancy Rate at Sale	-	-	-	-
Year Built	1789	1966	1981	2000
Star Rating	****	$\star$ $\star$ $\star$ $\star$ 2.5	$\star$ $\star$ $\star$ $\star$ 2.5	*****



# Sale Comps Map & List Report

			Property				Sale			
Pro	perty Name - Address		Туре	Yr Built	Size	Vacancy	Sale Date	Price	Price/Area	NI Yield
1	Cotswold Business Millfield Ln Luton, BDF	ര	Office ★★★★★	1990	-	-	29/4/2020	Price Not Disclosed Part of Portfolio	-	-
2	Cannon Kirk House 64-66 Stuart St Luton, BDF	യ	Office ★★★★★	1976	7,142 SF	-	4/3/2020	£2,570,000	£360/SF	-
3	Woodside Park In 1 Foster Ave Dunstable, BDF	യ	Office ★★★★★	2000	14,448 SF	-	18/12/2019	£1,720,819 Part of Portfolio	£119/SF	-
4	4 George St W Luton, BDF	ര	Medical ★★★★★	1922	10,247 SF	-	1/12/2019	£825,000	£81/SF	-
5	Colworth House Sharnbrook Bedford, BDF	യ	Office ★★★★★	1789	17,856 SF	-	28/11/2019	£4,201,193 Part of Portfolio	£235/SF	-
6	146 Midland Rd Luton, BDF	ര	Office ★★★★★	1968	6,300 SF	-	3/10/2019	£330,000	£52/SF	-
7	Building 136 Prospect Way Luton, BDF	ര	Office ★★★★★	1998	8,022 SF	-	3/10/2019	£300,000	£37/SF	-
8	Salamander House 2-10 St Johns St Bedford, BDF	യ	Office ★★★★★	1969	7,854 SF	-	16/8/2019	£1,250,000	£159/SF	-
9	Leck House Lake St Leighton Buzzard, BI	ත DF	Office ★★★★★	1995	6,305 SF	-	5/8/2019	£775,000	£123/SF	8.7%
10	Multi-Property Sale 39 Castle St Luton, BDF	ര	Office ★★★★★	1984	6,453 SF	-	8/7/2019	£1,558,106 Part of Portfolio	£241/SF	-
11	Lundbeck House 1 Hastings St Luton, BDF	ര	Office ★★★★★	1985	11,791 SF	-	16/4/2019	£2,200,000	£187/SF	-
12	Shannon Court High St Sandy, BDF	യ	Office ★★★★★	1975	14,770 SF	-	15/3/2019	£1,070,000	£72/SF	9.0%



# Sale Comps Map & List Report

		Property				Sale			
Prop	erty Name - Address	Туре	Yr Built	Size	Vacancy	Sale Date	Price	Price/Area	NI Yield
13	Wyvern House 53-57 Bromham Rd Bedford, BDF	Office ★★★★★	1977	25,484 SF	-	19/11/2018	Price Not Disclosed Part of Portfolio	-	-
14	Percival House Percival Way Luton, BDF	Office ★★★★★	1990	43,386 SF	-	7/11/2018	Price Not Dis- closed	-	-



Wyvern	House - 53-57 Bromham F	Rd (Part of Portfo	olio)	SOLD
Bedford, MK40 2	2EH		Bedfordshire County	
True Buyer:	Elite Partners Capital 9 Temasek Blvd Singapore 038989	True Seller:	<b>Telereal Trillium</b> 140 London Wall London, EC2Y 5DN 011 44 20 7796 5500	Image Coming Soon
Sale Price: Price/SF:	-	Year Built/Age:	Class C Office Built 1977 Age: 41 25,484 SF	
PrFrma Cap Rate: Actual Cap Rate:		Zoning: Sale Conditions:	- Bulk/Portfolio Sale	
Parcel No: Financing: Comp ID:		Research Complete		
2 Multi-Pro	operty Sale - 39 Castle St	(Part of Multi-Pr	operty)	SOLD
Luton, LU1 3AG			Bedfordshire County	
Recorded Buyer:	Ac Castle Street Ltd	Recorded Seller: Seller Contact:	Castle Street Estates Ltd My Estate Ltd	
Sale Price:	07/08/2019 \$1,558,106 - Allocated \$241.45	Year Built/Áge:	Class B Office Built 1984 Age: 35 6,453 SF -	
Parcel No: Financing: Comp ID:		Allocated		
3 Woodsid	de Park Industrial Estate -	1 Foster Ave (P	art of Multi-Property)	SOLD
Dunstable, LU5	5TA		Bedfordshire County	
Recorded Buyer:	British Overseas Bank Nominees Ltd 250 Bishopsgate London, EC2M 4AA 011 44 1234 567891	Recorded Seller:	London Pensions Fund Authority 169 Union St London, SE1 0LL 011 44 20 7369 6000	
Recorded Buyer:	WGTC NOMINEES LIMITED 250 Bishopsgate London, EC2M 4AA	Recorded Seller:	-	

	12/18/2019 (163 days on mkt) \$1,720,819 - Allocated \$119.10	Year Built/Age:	Class B Office Built 2000 Age: 19 14,448 SF	
Parcel No: Financing: Comp ID:		Allocated		
4 4 George	e St W			SOLD
Luton, LU1 2BJ True Buyer:	New Horizon (Luton) Ltd	True Seller:	Bedfordshire County NHS Property Services Ltd 122-123 Hollowfield Middlesbrough, TS8 0RS 011 44 1642 300628	
	-	Year Built/Age: RBA: Land Area: Zoning:	Class B OfficeMedical Built 1922 Age: 97 10,247 SF 0.11 AC (4,792 SF) - Redevelopment Project	
Parcel No: Financing: Comp ID:				
5 Lundbec	k House - 1 Hastings St			SOLE
Luton, LU1 5XL Recorded Buyer:	Zabs Group Ltd Pinner HI Pinner, HA5 3XX	Recorded Seller:	Bedfordshire County Aria Properties (UK) Ltd 170 Church Rd Mitcham, CR4 3BW	
Sale Price: Price/SF:		Year Built/Age:	Class B Office Built 1985 Age: 33 11,791 SF -	
PrFrma Cap Rate: Actual Cap Rate:	-	Zoning:		
	Down payment of \$0 (0.0%) 4787526 – Research Status:	Confirmed		
Comp D.				

Sandy, SG19 1AC	3		Bedfordshire County	
-	Adroit Consultation Ltd 4 Wilford Clos Milton Keynes, MK15 0HA 011 44 1582 411200 John Horsler	True Seller:	The Whitfield Group Ltd 20 Market St Cambridge, CB24 4QG 011 44 1954 234200	
		Year Built/Áge:		
Actual Cap Rate: Parcel No:		Sale Conditions:	-	
Financing: Comp ID:	- 4702245 – Research Status:	Confirmed		
7 Leck Hou	use - Lake St			SOLI
Leighton Buzzaro	1, LU7 1TQ		Bedfordshire County	and a second
True Buyer:	<b>C. Jackson &amp; Sons</b> 6 Chapelfields Bedford, MK44 2EH 011 44 1234 771311	Recorded Seller:	I.P.M. Sipp Administration Limited 6 Caxton Way Stevenage, SG1 2XD 011 44 1438 747151	
	08/05/2019 \$775,000 - Confirmed \$122.92	Year Built/Áge: RBA:	Class B Office Built 1995 Age: 24 6,305 SF	
PrFrma Cap Rate: Actual Cap Rate:		Land Area: Zoning: Sale Conditions:		
Parcel No: Financing:	-			
Comp ID:	4848990 – Research Status:	Confirmed		
8 146 Midla	and Rd			SOLI
Luton, LU2 0BL Recorded Buyer:	Lakes Property Developers Limited 88 Caulfield Rd Southend On Sea, SS3 9LW	True Seller:	Bedfordshire County -	
	10/03/2019 \$330,000 - Full Value \$52.38	Year Built/Age:	Class B Office Built 1968 Age: 50 6,300 SF -	
Parcel No: Financing: Comp ID:		Full Value		
		Convictated report license	ed to Rapleys LLP - 830377.	08/10/202

Luton, LU1 4AF				
	2		Bedfordshire County	ALL ALL
Recorded Buyer	: Inspired Villages 7 Pancras Sq London, N1C 4AG 011 44 20 3859 7741	Recorded Seller:	<b>Emsrayne Ltd</b> 16 Warren Yard Milton Keynes, MK12 5NW 011 44 1582 841992	
Recorded Buyer	: Senior Living (Caddington) Limited	Recorded Seller:	-	
	1 Coleman St London, EC2R 5AA 011 44 20 3124 2000			
Sale Date Sale Price Price/SF		Year Built/Age:	Class B Office Built 1990 Age: 30 6,124 SF	
PrFrma Cap Rate Actual Cap Rate		Zoning: Sale Conditions:	- Bulk/Portfolio Sale, Redevelopme	ent Project
Parcel No Financing				
Compile	. JIII JAU - Research Status.	Research Complete		
10 Perciva	I House - Percival Way	Research Complete	Bedfordshire County	SOLI
10 Perciva Luton, LU2 9PA	I House - Percival Way		Bedfordshire County Monarch Airlines Ltd 15 Canada Square London, E14 5GL	SOLI
10 Perciva Luton, LU2 9PA Recorded Buyer	I House - Percival Way : London Luton Airport Limited George St Luton, LU1 2BQ 011 44 1582 405100 : 11/07/2018 (279 days on mkt)	True Seller: Bldg Type: Year Built/Age: RBA:	Monarch Airlines Ltd 15 Canada Square London, E14 5GL Class B Office Built 1990 Renov 2020 Age: 28 43,386 SF	SOLI
10 Perciva Luton, LU2 9PA Recorded Buyer Sale Date Sale Date	I House - Percival Way London Luton Airport Limited George St Luton, LU1 2BQ 011 44 1582 405100 11/07/2018 (279 days on mkt) - -	Bldg Type: Year Built/Age: RBA: Land Area: Zoning:	Monarch Airlines Ltd 15 Canada Square London, E14 5GL Class B Office Built 1990 Renov 2020 Age: 28 43,386 SF 2.92 AC (127,195 SF)	

11 Building	136 - Prospect Way			SOLD
Luton, LU2 9QH			Bedfordshire County	
True Buyer:	<b>BSA British School of Aviation</b> <b>Ltd</b> 2 Homefarm Cott Luton, LU1 3TL	True Seller:	Monarch Aircraft Engineering (HR) Prospect Way Luton, LU2 9QH	
Sale Date: Sale Price: Price/SF:		Year Built/Age: RBA:	Class B Office Built 1998 Age: 21 8,022 SF 0.47 AC (20,473 SF)	
rFrma Cap Rate: Actual Cap Rate:		Zoning:		oment Project
Parcel No: Financing: Comp ID:		Research Complete		
12 Colworth	House - Sharnbrook (Pa	rt of Multi-Prope	erty)	SOLI
Bedford, MK44 1	LQ		Bedfordshire County	
True Buyer:	<b>Angelo, Gordon &amp; Co.</b> 23 Savile Row London, W1S 2ET 011 44 20 7758 5300	True Seller:	Palmer Capital Partners Ltd 1 Bruton St London, W1J 6TL 011 44 20 7409 5500	
	11/28/2019 (370 days on mkt) \$4,201,193 - Allocated \$235.28	Year Built/Áge: RBA:	Class B Office Built 1789 Age: 230 17,856 SF 2.54 AC (110,642 SF)	
Parcel No: Financing: Comp ID:		Allocated		
3 Salaman	der House - 2-10 St Johns	s St		SOL
Bedford, MK42 0	DH		Bedfordshire County	
Recorded Buyer:	Mimshach Management Services Ltd 1 Tyne Cres Bedford, MK41 7UJ	Recorded Seller:	Heritage Trustees Ltd 6 Doolittle MI Bedford, MK45 2ND 011 44 1525 408120	
	08/16/2019 \$1,250,000 - Full Value \$159.15	Year Built/Áge: RBA:	Class B Office Built 1969 Age: 50 7,854 SF 0.29 AC (12,632 SF)	
Parcel No: Financing: Comp ID:		Full Value		
		Convrighted report license	ed to Rapleys LLP - 830377.	08/10/202

#### Luton, LU1 2SW

#### **Bedfordshire County**

Recorded Buyer: Sgsl Limited Park Rd

Park Rd London, N2 8EY Recorded Seller: Stuart House Ltd 70-78 West Hendon Broadway London, NW9 7BT



 Sale Date:
 03/04/2020

 Sale Price:
 \$2,570,000 - Full Value

 Price/SF:
 \$359.84

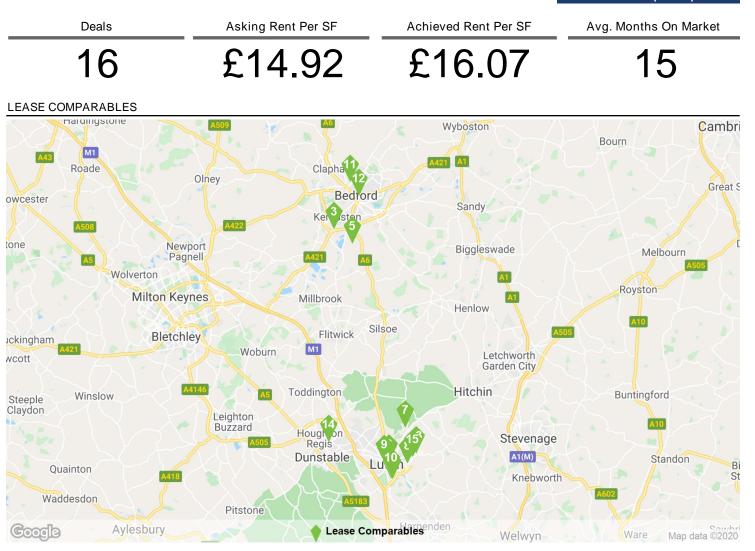
Bldg Type: Year Built/Age: Built 1976 Age: 43 RBA: Land Area: 0.04 AC (1,742 SF)

Parcel No: -Financing: -Comp ID: **5207571** – Research Status: **Full Value**  SOLD

### **Quick Stats Report**

# Lease Comps Summary

Lease Comps Report



#### SUMMARY STATISTICS

Rent	Deals	Low	Average	Median	High
Asking Rent Per SF	9	£7.19	£14.92	£12.25	£23.50
Achieved Rent Per SF	6	£6.00	£16.07	£18.75	£23.50
Net Effective Rent Per SF	3	£5.80	£14.93	£6.12	£23.50
Asking Rent Discount	3	-7.1%	2.3%	0.0%	36.8%
TI Allowance	-	-	-	-	-
Rent Free Months	2	0	2	2	3

Lease Attributes	Deals	Low	Average	Median	High
Months on Market	13	4	15	9	41
Deal Size	16	5,015	9,539	8,042	26,240
Lease Deal in Months	6	60.0	100.0	120.0	120.0
Floor Number	14	GRND	1	1	3





# Lease Comps Summary

### Lease Comps Report

				Lea	se		Rents	i
Pro	perty Name - Address	Rating	SF Leased	Floor	Sign Date	Туре	Rent	Rent Type
1	251-252 Capability Green	****	5,700	1st	01/06/2020	New	-	-
2	400 Capability Green	****	5,015	2nd	20/03/2020	New	£23.00/fri	Achieved
3	Regent House Wolseley Rd	****	5,097	Unkwn	02/01/2020	New	£12.25/fri	Asking
3	Regent House Wolseley Rd	****	8,211	Unkwn	05/12/2019	New	£12.28/fri	Asking
4	500 Capability Green	****	26,240	1-2	01/12/2019	New	£23.50	Effective
5	11 Kenneth Way	****	6,764	GRND,	22/11/2019	New	£7.19	Asking
6	53 Cheapside	****	5,641	1st	05/11/2019	New	-	-
7	Building 250 Hitchin Rd	****	5,402	GRND,1	04/11/2019	New	£15.00/fri	Asking
8	Percival House Percival Way	****	12,155	2nd	30/08/2019	New	-	-
9	2 Dunstable Rd	****	8,571	1-3	03/08/2019	New	£5.80/fri	Effective
10	950 Capability Green	****	5,514	GRND	01/03/2019	-	£22.50/fri	Achieved
	Bedford Heights Manton Ln	****	10,548	2nd	01/01/2019	New	£12.00	Asking
12	24-26 Newnham St	****	12,520	GRND	10/10/2018	New	-	-
13	The Wigmore Centre Wigmore Ln	****	16,630	1-2	25/03/2018	New	£6.12/fri	Effective
14	Gemini Building Houghton Hall Park	****	10,747	GRND,1	27/11/2017	New	£15.00/iri	Achieved
15	President Way	****	7,874	GRND,	01/11/2017	New	£8.50/fri	Asking







#### 5,700 SF Office Lease Signed Jun 2020 $\star$ $\star$ $\star$ $\star$ 251-252 Capability Green - Partial 1st Floor Direct, Leased by Carlisle Support Services Group Luton, LU1 3LU - Luton Fringe Submarket Asking Rent: Start Date: Jun 2020 Rent Free: Deal Type: New Lease Property Type: Office Class B Achieved Rent: Term: 10 Years Breaks: On Market: Building Area: 11,402 SF Effective Rent: Exp. Date: May 2030 Reviews: Build-Out: Rates: Amenities: Leasing Rep: Kirkby Diamond - Eamon Kennedy Landlord: Md Capability Green Llp

Tenant Rep: Lease Notes:

								ID# 175148081
5,015 SF Office Lease Signed Mar 2020 for £23.00/SF (Achieved) 400 Capability Green - 2nd Floor Direct, Leased by Oracle Luton, LU1 3LU - Luton Fringe Submarket								****
 Asking Rent:		Start Date:	Aug 2020	Rent Free:	Deal Type:	New Lease	Property Type:	Office Class B
Achieved Rent:	£23.00/SF	Term:	5 Years	Breaks:	On Market:		Building Area:	40,993 SF
Effective Rent:		Exp. Date:	Aug 2025	Reviews:	Build-Out:		Rates:	
Amenities:								
Leasing Rep:						Landlord:	Columbia	Threadneedle Inves
Tenant Rep:	Cushman & Wakefi	eld - Nick Ble	evins			Tenant SI	C: Computer	,Packaged Sftwre

Lease Notes:







Tenant SIC:

**Business Services, NEC** 

ID# 170602001



Regent Ho	•	d Dec 2019 for £12.2 d - Unknown Floor D id Submarket					<b>★★</b> ★★★
Asking Rent: Achieved Rent: Effective Rent:	£12.25/SF-£12	Start Date: Feb 2020 Term: Exp. Date:	Rent Free: Breaks: Reviews:	Deal Type: On Market: Build-Out:	New Lease 7 Mos Full Build-Out	Property Type: Building Area: Rates:	Light Industrial Class B 42,392 SF
Amenities: Leasing Rep: Tenant Rep:	0,	onference Rooms, Dem Indrew Clarke, Nathan G		Carpeted, Kitchen, Receptior	n, Suspended Ceilin Landlord Tenant S	l: Urban Log	gistics REIT plc

Lease Notes:

5	Suite North	Office Lease S n - 500 Capabil BLS - Luton Frin			****					
	Asking Rent:	£23.50/SF	Start Date:	Dec 2019	Rent Free:		Deal Type:	New Lease	Property Type:	Office Class B
, second , to	Achieved Rent:	£23.50/SF	Term:	10 Years	Breaks:	Nov 2022	On Market:	34 Mos	Building Area:	80,960 SF
	Effective Rent:	£23.50/SF	Exp. Date:	Nov 2029	Reviews:		Build-Out:		Rates:	£2.95/SF
	Amenities:									
	Leasing Rep:	Savills - Andrew	w Willcock					Landlord	: MCR Prop	perty Group Ltd
	Tenant Rep:	Lambert Smith	Hampton Ltd					Tenant S	SIC:	

Lease Notes:





CoStar™

Achieved Rent:

Effective Rent:

Amenities: Leasing Rep:

Tenant Rep: Lease Notes:

	5,641 SF Office Lease Signe 53 Cheapside - 1st Floor Di Luton, LU1 2HN - Luton Ret Su	rect					****
	Asking Rent:         Achieved Rent:         Effective Rent:         Amenities:       Demised WC facili         Leasing Rep:         Tenant Rep:         Lease Notes:	Start Date: Dec 2019 Term: Exp. Date: ties, Kitchen	Rent Free: Breaks: Reviews:	Deal Type: On Market: Build-Out:	New Lease 12 Mos Landlord: Tenant S		Retail Class B 5,948 SF
							ID# 169085031
3	5,402 SF Office Lease Signe Building 250 - Hitchin Rd - I Luton, LU2 8DL - Luton Fringe	Direct, Leased by Sma					****
	Asking Rent: £15.00/SF	Start Date: Jan 2020	Rent Free:	Deal Type:	New Lease	Property Type:	Office Class B

Breaks:

Reviews:

12,155 SF Office Leas Infinity House - Perciv Luton, LU2 9PA - Luton	val Way - 2nd Floor Direct, L	eased by London Lu	ton Aiport Operations	i -		<b>★★★</b> ★★
Asking Rent:	Start Date: Dec 2019	Rent Free:	Deal Type:	New Lease	Property Type:	Office Class B
Achieved Rent:	Term:	Breaks:	On Market:	7 Mos	Building Area:	43,386 SF
Effective Rent:	Exp. Date:	Reviews:	Build-Out:		Rates:	
Amenities: Bicycle Sto	rage, Demised WC facilities, Sho	wer Facilities				
Leasing Rep: Hampton B	rook Ltd - Ian Jackson			Landlo	rd: Luton Bor	ough Council
Tenant Rep:				Tenant	SIC	

On Market:

Build-Out:

37 Mos

Building Area:

Rates:

Landlord:

Tenant SIC:

5,411 SF

The Crown Estate

Hampton Brook acted on behalf of the vendor.

Term:

S R Wood & Son Ltd - Stephen Wood

Exp. Date:





ID# 167880981

10

2 Dunstabl	8,571 SF Office Lease Signed Aug 2019 for £5.80/SF (Effective) 2 Dunstable Rd - Direct Luton, LU1 1DX - Luton Central Submarket									
Asking Rent: Achieved Rent:	£9.50/SF £6.00/SF	Start Date: Term:	Oct 2019 10 Years	Rent Free: Breaks:	3 Mos at Start Aug 2024	Deal Type: On Market:	New Lease 7 Mos	Property Type: Building Area:	Office Class B 8,572 SF	
Effective Rent:	£5.80/SF	Exp. Date:	Oct 2029	Reviews:	7.03 2021	Build-Out:	1 1100	Rates:	£3.90/SF	
Amenities:	Demised WC facili	ties, Kitchen,	Lift Access,	Open-Plan, Par	titioned Offices, Per	imeter Trunking	l			
Leasing Rep:	S R Wood & Son L	td - Stephen V	Wood				Landlo	rd:		
Tenant Rep:							Tenant	SIC:		

Lease Notes:

									ID# 167577181
11	5,514 SF Office Lease Signed Mar 2019 for £22.50/SF (Achieved) 950 Capability Green - Partial Ground Direct, Leased by Lumesse Holdings Limited Luton, LU1 3LU - Luton Fringe Submarket								<b>★★★</b> ★★
	Asking Rent:		Start Date:	Apr 2019	Rent Free:	Deal Type:		Property Type:	Office Class B
	Achieved Rent:	£22.50/SF	Term:	5 Years	Breaks:	On Market:		Building Area:	14,439 SF
	Effective Rent:		Exp. Date:	Mar 2024	Reviews:	Build-Out:		Rates:	
	Amenities:								
	Leasing Rep:	Bray Fox Smith I	Limited - James	Shillabeer			Landlord:	Lutea Trus	stees Ltd
	Tenant Rep:	Avison Young					Tenant SI	C:	

Lease Notes:





12



ID# 163461821



#### 12,520 SF Office/Retail Lease Signed Oct 2018 24-26 Newnham St - Ground Sublease, Leased by Kraken MMA Fitness Limited Bedford, MK40 3JR - Bedford Ind Submarket Property Type: Asking Rent: Start Date: Dec 2018 Rent Free: Deal Type: New Lease Industrial Class C Achieved Rent: Term: Breaks: On Market: 9 Mos Building Area: Effective Rent: Exp. Date: Reviews: Build-Out: Full Build-Out Rates: Amenities: **Roller Shutters** Cliftons - David Clifton Landlord: W. Salsbury Limited Leasing Rep:

Tenant Rep: Lease Notes:

16,630 SF Office Lease 3 Tivoli House - Wigmore Luton, LU2 9XG - Luton Fri	****				
 Asking Rent: Achieved Rent: £6.01/SF Effective Rent: £6.12/SF	Start Date: Mar 2018 Term: 10 Years Exp. Date: Mar 2028	Rent Free: 0 Mos Breaks: Reviews:	Deal Type: On Market: Build-Out:	New Lease 9 Mos Full Build-Out	Property Type: Office Class B Building Area: 220,000 SF Rates:
Amenities: Leasing Rep: Tenant Rep:	n portains to land registry lease.			Landlord Tenant S	d: Rubicon West plc SIC: Health Clubs

This lease comp pertains to land registry lease document title number BD320260 regarding Active4Less inside Wigmore Ln, Luton, BDF LU2 9XG. Lease Notes:



RAPLEYS



ID# 141665871

\*\*\*\*

10# 150606044

19,150 SF

Amusement And Recreation

Tenant SIC:



#### 7,874 SF Office Lease Signed Nov 2017 for £8.50/SF (Asking) $\star$ Suite Unit M - President Way - Direct, Leased by TCR UK Ltd Luton, LU2 9LU - Luton Ind Submarket Property Type: Industrial Class B Asking Rent: £8.50/SF Start Date: Nov 2017 Rent Free: Deal Type: New Lease Achieved Rent: Term: Breaks: On Market: 8 Mos Building Area: 16.833 SF

Aomovou Rom.		TOTTI.	Dicarto.	011 Maritot. 0	11105		
Effective Rent:		Exp. Date:	Reviews:	Build-Out:	[	Rates:	
Amenities:	Roller Shutters						
Leasing Rep:	Stimpsons - Graha	m Payne			Landlord:	Legal & General	
Tenant Rep:					Tenant SIC	Equip Rental And Leasing	

Lease Notes: The space comprises 731.52 sq m.

ID# 134711781





Asking Rent Per SF

Achieved Rent Per SF

Net Effective Rent Per SF

Avg. Rent Free Months

1.5

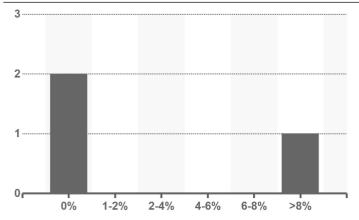
£16.07 £14.93



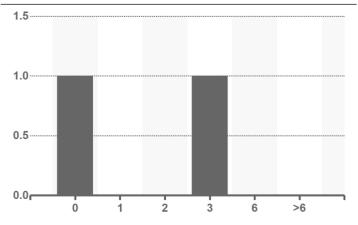
#### DEALS BY ASKING, ACHIEVED, AND NET EFFECTIVE RENT



DEALS BY ASKING RENT DISCOUNT



DEALS BY RENT FREE MONTHS







# FINANCIAL DEVELOPMENT APPRAISAL OF COMMERCIAL LAND

Employment Land Valuation Per Acre Assumption

Colworth

Development Appraisal Rapleys 08 October 2020

## APPRAISAL SUMMARY

## Employment Land Valuation Per Acre Assumption

**Appraisal Summary for Phase 1** 

#### Currency in £

#### REVENUE

Rental Area Summary	Units	ft²	Rent Rate ft <sup>2</sup>	Initial MRV/Unit	Net Rent at Sale	Initial MRV
Employment Land (Per Acre)	1	20,000	15.00	300,000	300,000	300,000
Investment Valuation						
Employment Land (Per Acre) Current Rent	300,000	YP @	6.5000%	15.3846	4,615,385	
GROSS DEVELOPMENT VALUE				4,615,385		
Purchaser's Costs Effective Purchaser's Costs Rate		6.80%	(313,846)	(313,846)		
NET DEVELOPMENT VALUE				4,301,538		
NET REALISATION				4,301,538		
OUTLAY						
ACQUISITION COSTS						
Residualised Price			586,906	586,906		
Stamp Duty Effective Stamp Duty Rate		3.21%	18,845			
Agent Fee		1.50%	8,804			
Legal Fee Survey		0.50%	2,935 25,000			
				55,583		
CONSTRUCTION COSTS	610	<b>D U I D</b> <i>i</i> <b>i i i</b>	<b>a</b> /			
Construction Employment Land (Per Acre)	20,000	Build Rate ft <sup>2</sup> 125.00	<b>Cost</b> 2,500,000			
Contingency	,	5.00%	125,000	2 625 000		
				2,625,000		
PROFESSIONAL FEES Professional Fees		8.00%	200,000			
		0.0070	200,000	200,000		
MARKETING & LETTING Letting Agent Fee		10.00%	30.000			
Letting Legal Fee		5.00%	15,000			
DISPOSAL FEES				45,000		
Sales Agent Fee		1.50%	64,523			
Sales Legal Fee		0.50%	21,508	86,031		
FINANCE	0% (Nomina			·		
Debit Rate 6.500%, Credit Rate 0.50 Land		u <i>)</i>	59,079			
Construction Total Finance Cost			82,867	141,946		
				,		
TOTAL COSTS				3,740,467		
PROFIT				561,072		
<b>b</b> /				501,072		
Performance Measures Profit on Cost%		15.00%				
Profit on GDV%		12.16%				
Profit on NDV% Development Yield% (on Rent)		13.04% 8.02%				
Equivalent Yield% (Nominal)		6.50%				

Project: \\hunt-w2k16-dfs1\programs\$\Argus\Developer\ProgramData\olddata\AH & V\Colworth\Commercial Land Valuation - Per Acre Assumption - Q4 2020 ARGUS Developer Version: 8.10.000 Date: 08/10/2020

## APPRAISAL SUMMARY

### **Employment Land Valuation**

Per Acre	Assumption
----------	------------

Equivalent Yield% (True)	6.77%
IRR	29.04%
Rent Cover Profit Erosion (finance rate 6.500)	1 yr 10 mths 2 yrs 2 mths

# BUILDING COST INFORMATION SERVICE (BCIS) BUILD COST DATA





## £/m2 study

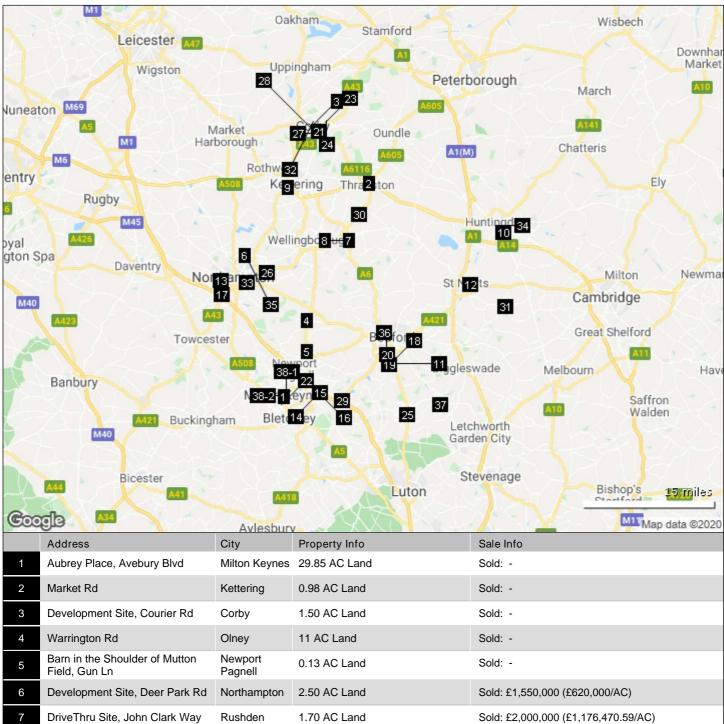
**Description:** Rate per m2 gross internal floor area for the building Cost including prelims. **Last updated:** 26-Sep-2020 00:47

> Rebased to 4Q 2020 (333; forecast) and North Bedfordshire (101; sample 30)

#### Maximum age of results: Default period

Building function £/m <sup>2</sup> gross internal floor area							
Building function (Maximum age of projects)	Mean	Lowest	Lower quartiles	Median	Upper quartiles	Highest	Sample
New build							
320. Offices							
Generally (15)	1,901	978	1,393	1,810	2,275	4,827	107
Air-conditioned							
Generally (15)	1,969	1,177	1,551	1,880	2,275	3,393	31
1-2 storey (15)	1,831	1,177	1,516	1,728	1,952	3,393	12
3-5 storey (15)	1,858	1,334	1,470	1,857	2,275	2,662	11
6 storey or above (15)	2,267	1,694	2,048	2,186	2,352	3,186	7
Not air-conditioned							
Generally (15)	1,886	978	1,376	1,820	2,320	3,334	52
1-2 storey (15)	1,855	1,049	1,358	1,800	2,258	3,121	26
3-5 storey (15)	1,875	978	1,380	1,811	2,233	3,334	23
6 storey or above (20)	2,336	1,810	-	2,418	-	2,698	4

# COMMERCIAL LAND COMPARABLE EVIDENCE



7	DriveThru Site, John Clark Way	Rushden	1.70 AC Land	Sold: £2,000,000 (£1,176,470.59/AC)
8	Commercial Development Site, John Clark Way	Rushden	1.79 AC Land	Sold: -
9	Development Land, Cransley Park Way	Kettering	4.23 AC Land	Sold: -
10	A1198	Huntingdon	7.14 AC Land	Sold: £3,270,000 (£457,983.19/AC)
11	G-Park Bedford Wixams, Watson Rd	Bedford	25 AC Land	Sold: -
12	Land, 2 Cromwell Rd	St Neots	5.44 AC Land	Sold: £2,400,000 (£441,176.47/AC)
13	Sites 2A and 2B, Edgar Mobbs Way	Northampton	5.73 AC Land	Sold: -
14	Plot 312, Fen St	Milton Keynes	7.16 AC Land	Sold: -

15	Plot 410 - Magna Park, Fen St	Milton Keynes	22.32 AC Land	Sold: £10,613,364 (£475,509.14/AC)
16	Fen St	Milton Keynes	36.68 AC Land	Sold: £9,000,000 (£245,365.32/AC)
17	Land at Milton Ham Farm, Towcester Rd	Northampton	37 AC Land	Sold: £14,210,000 (£384,054.05/AC)
18	Watson Rd	Bedford	13.04 AC Land	Sold: -
19	4.5 Acre Development Site, Kenneth Way	Bedford	22.96 AC Land	Sold: -
20	Land, Manton Ln	Bedford	8 AC Land	Sold: £3,500,000 (£291,666.67/AC)
21	Geddington Rd	Corby	34.38 AC Land	Sold: £23,500,000
22	Kudos Phase 2, 14 Davy Way	Milton Keynes	0.53 AC Land	Sold: -
23	Development Site, Bangrave Rd	Corby	4.60 AC Land	Sold: -
24	Development Site, Arnsley Rd	Corby	1.95 AC Land	Sold: -
25	Barton Rd	Bedford	0.70 AC Land	Sold: -
26	Open Storage Land, Crow Ln	Northampton	6.15 AC Land	Sold: £500,000 (£81,300.81/AC)
27	Fircroft Park, Stamford Rd	Kettering	3.25 AC Land	Sold: -
28	Site B, Station Rd	Corby	1.90 AC Land	Sold: -
29	Possible Extension for Warehouse Site, 1-2 Salford Rd	Bedford	12.60 AC Land	Sold: £6,500,000 (£650,000/AC)
30	Land at Plot 6a, Meadow Ln	Wellingborou gh	18.89 AC Land	Sold: £6,700,000 (£354,685.02/AC)
31	Meadow Rd	Sandy	0.58 AC Land	Sold: £55,500 (£95,689.66/AC)
32	Manton Park, Cockerell Rd	Corby	6.75 AC Land	Pending: w/Asking Price of -
33	Bedford Rd	Northampton	0.60 AC Land	Pending: w/Asking Price of -
34	Residential Development Opportunity, The Ave	Huntingdon	5.58 AC Land	Pending: w/Asking Price of -
35	Moulton Park, Darnell Way	Northampton	0.50 AC Land	Under Contract: w/Asking Price of -
36	The Great Ouse Way	Bedford	2.57 AC Land	Pending: w/Asking Price of -
37	Woodview Nurseries, Shefford Rd	Shefford	0.50 AC Land	Pending: w/Asking Price of £275,000 (£550,000/AC)
38-1	Saxon Court, 502 Avebury Blvd	Milton Keynes	81,050 SF Office	Portfolio Pending: w/Asking Price of £9,300,000 (£114.74/SF)
38-2	MK Gateway, Avebury Blvd	Milton Keynes	4.70 AC Land	Portfolio Pending: w/Asking Price of £9,300,000 (£1,978,723.40/AC)

Portfolio of 2 Properties For Sale at £9,300,000 buyer For Sale seller	Portfolio with 2 properties Portfolio content: Saxon Court - 502 Avebury Blvd MK Gateway - Avebury Blvd
vital data Portfolio Name: - Days on Market: 155 days Condition: - Land Area SF: 204,732 SF Acres: 4.70 AC £/SF Land Gross: £90.85	<pre># of Properties: 2     Asking Price: £9,300,000     Status: For Sale     Building SF: -     Price/SF: £114.74 Net Initial Yield: -     Property Type: Multiple Types</pre>
income expense data	Listing Agent Lambert Smith Hampton Ltd 314 Midsummer Blvd Milton Keynes, MK9 2UB 01908 604630 Tom Harker
	Buyer Agent

## A1198 Huntingdon, PE29 2PA Commercial Land of 7.14 AC Sold on 02/04/2020 for £3,270,000 - Research Complete **buyer** The Hyde Group- Hyde Housing Association Ltd 30 Park St London, SE1 9EQ 0800 328 2282 **seller** Marchfield Properties Ltd Chells Ln Stevenage, SG2 7AA 01438 311411

#### vital data

Escrow/ Days or Cc Max No P Lot Dim		02/04/2020 - 174 days - - - - 629 feet on Ra 5161789	avenshoe	Sale Price:£3,270,000Status:ConfirmedTenure:FreeholdDown Pmnt:-Pct Down:-Corner:NoTopography:-Improvements:-Off-Site Improv:-Submarket:HuntingdonshireProposed Use:-	
income expense	e data			Listing Agent	
Acres: Price/Acre: SF: Price/SF:	Gross 7.14 AC £457,983 311,018 £10.51		Net - - -	Savills 132-134 Hills Rd Cambridge, CB2 8PA 01223 347000 Ben Rudd, Lucy Muir Buyer Agent Minster Property Group Rockingham Rd Market Harborough, LE16 7QU 01858 432856	
financing					

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Development Site Arnsley Rd Corby, NN17 5QW Commercial Land of 1.95 AC Sold on 28/09/2018 - Research Complete buyer Burflex Clay St Hull, HU8 8HA	Image Coming Soon
01482 339340 seller	
vital data	
Sale Date:28/09/2018Escrow/Contract:-Days on Market:232 daysConditions:-Density:-Max No of Units:-Price/Unit:-Lot Dimensions:-Frontage-Comp ID:4552747	Sale Price:-Status:-Tenure:FreeholdDown Pmnt:-Pct Down:-Corner:NoTopography:-Improvements:-Submarket:CorbyProperty Type:LandProposed Use:-
income expense data	Listing Agent
Gross         Net           Acres:         1.95 AC         -           Price/Acre:         -         -           SF:         84,942 SF         -           Price/SF:         -         -	SPACE - Retail PropertyAvison YoungConsultants3-4 BrindleyplaceExploration Drive, PioneeBirmingham, B1 2JBLeicester, LE4 5JD0844 902 03040345 900 3900Lucinda HancockSusan HarrisonBuyer Agent
financing	

## Aubrey Place

Avebury Blvd Milton Keynes, MK9 2FZ

Commercial Land of 29.85 AC Sold on 25/11/2020 - In Progress

#### buyer

Fernbrook Investments (UK) Ltd 158 Washbrook Rd Northampton, NN4 7HB 01933 353153

#### seller

Fiera Real Estate UK Ltd 3 Old Burlington Rd London, W1S 3AE 020 7409 5500

## vital data

vital data				
Escrow/ Days or Co Max No P Lot Dirr	ale Date: 25/11/2020 Contract: - In Market: - Density: - of Units: - rice/Unit: - lensions: - Frontage - Comp ID: 5303172		Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:	- - - No - - Milton Keynes Central Land Hotel
income expense	e data		Listing Agent	
Acres: Price/Acre: SF:	Gross 29.85 AC - 1,300,201 SF -	Net - - -	Lambert Smith Hampto 2 Great Titchfield St London, W1D 1NN 020 7198 2000 Buyer Agent	on Ltd
financing				

N. TO STREET A

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#### **Development Site**

Bangrave Rd Corby, NN17 5LX

Commercial Land of 4.60 AC Sold on 05/10/2018 - Research Complete

buyer

seller



#### vital data

Sale Date: Escrow/Contract: Days on Market: Conditions: Max No of Units: Price/Unit: Lot Dimensions: Frontage -Comp ID: 4553122

05/10/2018 -239 days --

Sale Price:	-
Status:	-
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	-
Submarket:	Corby
Property Type:	Land
Proposed Use:	-

income expense	e data		Listing Agent
Price/Acre:	200,376 SF	Net - - -	Avison Young 3-4 Brindleyplace Birmingham, B1 2JB 0844 902 0304 Lucinda Hancock Buyer Agent
financing			

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## North Site Barton Rd Bedford, MK45 4DT Commercial Land of 0.70 AC Sold on 25/09/2018 - Research Complete buyer seller vital data Sale Date: Sale Price: 25/09/2018 -Escrow/Contract: Status: --Days on Market: 2,448 days Tenure: Freehold

- Sale Date: 2 Escrow/Contract: -Days on Market: 2 Conditions: -Density: -Max No of Units: -Price/Unit: -Lot Dimensions: -Frontage -Comp ID: 4
- te: 25/09/2018 ct: et: 2,448 days ns: ty: ts: ns: ns: ne
  - e -: 4522479

Sale Price: -Status: -Tenure: Freehold Down Pmnt: -Pct Down: -Corner: No Topography: -Improvements: -Off-Site Improv: -Submarket: Bedfordshire Central Property Type: Land Proposed Use: -

income expens	e data		Listing Agent
Price/Acre:	30,527 SF	Net 0.70 AC - 30,501 SF -	Kirkby Diamond LLP Chalkdell Dr Milton Keynes, MK5 6LB 01908 678800 Luke Tillison Buyer Agent
financing			

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Bedford Rd Northampton, N Land of 0.60 AG buyer For Sale seller				
vital data				
Co Lot Dim	n Market: 1,373 days onditions: - nensions: - Frontage: -		Asking Price: Status: Tenure: Corner: Topography: Submarket: Property Type: Proposed Use:	- For Sale Freehold No Level Northampton Fringe Land Office
income expense	e data		Listing Agent	
Gross         Net           Acres:         0.60 AC         -           Price/Acre:         -         -           SF:         26,136 SF         -	Net - -	TDB Real Estate Ltd 8-10 Queensbridge Northampton, NN4 7BF 01604 604020 Chris Drummond Buyer Agent		
Price/SF:	-	-		

Manton Park Cockerell Rd Corby, NN17 5DU Land of 6.75 AC is for sale buyer For Sale seller		PICENIX PICENIX MANTON PARK CORP	
vital data Days on Market: 1,954 days Conditions: - Lot Dimensions: - Frontage: -		Asking Price: Status: Tenure: Corner: Topography: Submarket: Property Type: Proposed Use:	- For Sale Freehold No - Corby Land Distribution, Warehouse
in and a support data		Listian Assat	
income expense data Gross Acres: 6.75 AC Price/Acre: - SF: 294,030 SF Price/SF: -	Net - -	Listing Agent Prop-Search.com 14 Queensbridge Northampton, NN4 7BF 01604 492000 Ian Harman Buyer Agent	Budworth Hardcastle Ltd 6 Riley Rd F Kettering, NN16 8NN 01536 483400 Philip Arnold

#### **Development Site**

#### Courier Rd Corby, NN17 5BA

Commercial Land of 1.50 AC Sold on 01/10/2020 - Sold for Land Value - Research Complete

#### buyer

seller



## vital data

Sale Date: 01/10/202 Escrow/Contract: -Days on Market: 2,430 day Conditions: Develope Density: -Max No of Units: -Price/Unit: -Lot Dimensions: -Frontage -Comp ID: 5281517

Corby Borough Council George St Corby, NN17 1QG 01536 464000

> 01/10/2020 -2,430 days Development Sale --

Sale Price:	-
Status:	-
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	-
Submarket:	Corby
Property Type:	Land
Proposed Use:	-

income expense data			Listing Agent
Price/Acre:	65,340 SF	Net - - -	Budworth Hardcastle Ltd 6 Riley Rd Kettering, NN16 8NN 01536 483400 Gilbert Harvey Buyer Agent
financing			

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### Development Land

Cransley Park Way Kettering, NN14 1EG

Commercial Land of 4.23 AC Sold on 21/04/2020 - Research Complete

#### buyer

Premier Car Supermarket Carriers Rd Derby, DE65 6PE

#### seller

Tansor Ziran Projects Ltd 2 Hamilton Ter Leamington Spa, CV32 4LY



#### vital data

Escrow/ Days or Co Max No P Lot Din	Contract: n Market: onditions: Density: of Units: Price/Unit: nensions: Frontage Comp ID:	21/04/2020 - - Development - - - 5113318	Sale	Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:	- Freehold - - No - - Kettering Land Retail, Aut	o Dealership	
income expens	e data			Listing Agent			
Acres: Price/Acre:	-		Net 4.23 AC -	Berrys 32 Ashby Rd Towcester, NN12 6PG 01327 356140		Prop-Search.com 14 Queensbridge Northampton, NN4 7BF 01604 492000	
	184,434	SF	184,259 SF	Buyer Agent			
Price/SF:	-		-	Tolmers Property Serv Electric Ave Enfield, EN3 7GD 020 7167 6848	rices		
financing							

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#### Land

2 Cromwell Rd St Neots, PE19 1QN

Commercial Land of 5.44 AC Sold on 17/01/2020 for £2,400,000 - Research Complete

#### buyer

John Gill Consulting The Mount Northwich, CW9 6HE 07980 431616

#### seller

Sealed Air Ltd 1-3 - Cromwell Rd St Neots, PE19 1QN 01604 774172

#### vital data

Sale Price: £2,400,000 Sale Date: 17/01/2020 Escrow/Contract: Status: Full Value -Days on Market: Tenure: Freehold -Conditions: Development Sale Down Pmnt: -Density: Pct Down: Max No of Units: Corner: No Price/Unit: Topography: Lot Dimensions: Improvements: -Frontage Comp ID: Off-Site Improv: 5099648 Huntingdonshire Submarket: Property Type: Land Proposed Use: -

Image Coming Soon

income expens	e data		Listing Agent
	Gross	Net	
Acres:	5.44 AC	-	
Price/Acre:	£440,998.13	-	
SF:	237,064 SF	-	Buyer Agent
Price/SF:	£10.12	-	
financing			

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#### Open Storage Land

## Crow Ln Northampton, NN3 9ER

Commercial Land of 6.15 AC Sold on 01/08/2018 for £500,000 -**Research Complete** 

#### buyer

SLT Trustees Ltd 1 Penman Way Leicester, LE19 1SY 0370 414 7000

#### seller

Northampton Borough Council St Giles Sq Northampton, NN1 1DE 0300 330 7000

#### vital data

Sale Date: Escrow/Contract: -Days on Market: Conditions: -Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID:

01/08/2018 1,283 days 4462079



Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv:	£500,000 Full Value Freehold - No - -
	- Northampton Fringe Land -

income expense data			Listing Agent
	Gross	Net	No Listing Agent on Deal
Acres:	6.15 AC	-	
Price/Acre:	£81,300.81	-	
SF:	267,894 SF	-	Buyer Agent
Price/SF:	£1.87	-	
financing			

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Moulton Par Darnell Way Northampton, N Land of 0.50 A buyer For Sale seller -	IN3 6RW		AREA 0.5 ACRES	
Days o Ci Lot Dir	n Market: 636 days onditions: - nensions: - Frontage: -		Asking Price: Status: Tenure: Corner: Topography: Submarket: Property Type: Proposed Use:	- For Sale Freehold No - Northampton Fringe Land Office, Office Park
income expens	a data		Listing Agent	
Acres: Price/Acre:	Gross 0.50 AC - 21,780 SF	Net - - -	Ben Coleman Associa 18 High St Northampton, NN4 6LI 01604 660014 Ben Coleman Buyer Agent	

Kudos Phase 2 14 Davy Way	
Milton Keynes, MK5 8NL	
Commercial Land of 0.53 AC Sold on 23/10/2018 - Research Complete	
buyer	
seller	
vital data	
Sale Date:23/10/2018Escrow/Contract:-Days on Market:475 daysConditions:-Density:-Max No of Units:-Price/Unit:-Lot Dimensions:-Frontage-Comp ID:4553166	Sale Price:-Status:-Tenure:FreeholdDown Pmnt:-Pct Down:-Corner:NoTopography:-Improvements:-Off-Site Improv:-Submarket:Milton Keynes FringeProperty Type:LandProposed Use:-
income expense data Gross Net Acres: 0.53 AC - Price/Acre: SF: 23,087 SF - Price/SF:	Listing Agent Brown & Lee Shirwell Cres Milton Keynes, MK4 1GA 01908 508100 Sasha Lousada Buyer Agent
financing	

#### **Development Site**

Deer Park Rd Northampton, NN3 6QD

Commercial Land of 2.50 AC Sold on 01/06/2020 for £1,550,000 - Research Complete

#### buyer

Warmflame Developments Limited 707 Warwick Rd Solihull, B91 3DA 0121 295 1836

#### seller

OPUS ENERGY (CORPORATE) LIMITED Selby Selby, YO8 8PH 0843 227 2377

#### vital data

Sale Date: Escrow/Contract: Days on Market: Conditions: Density: Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID: 5140785

01/06/2020 -438 days -250 feet on Deer Park Road



Sale Price:	£1,550,000
Status:	Confirmed
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	-
Submarket:	Northampton Fringe
Property Type:	Land
Proposed Use:	Industrial

income expens	e data		Listing Agent
Acres: Price/Acre: SF: Price/SF:	Gross 2.50 AC £620,000.00 108,900 SF £14.23	Net - - -	Lambert Smith Hampton Ltd Roman Way Northampton, NN4 5AE 01604 664366 James Hill Buyer Agent No Buyer Agent on Deal
financing			

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#### Sites 2A and 2B

Edgar Mobbs Way Northampton, NN5 5QJ

NHS Property Services 80 London Rd London, SE1 6LH 0800 085 3015

Commercial Land of 5.73 AC Sold on 16/01/2020 - Research Complete

buyer

seller



## vital data

Sale Date: Escrow/Contract: Days on Market: Conditions: Density: Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID:	16/01/2020 - 839 days - - - - 5018273		Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:	- Freehold - - No - - Northampton Fringe Land -
income expense data			Listing Agent	
Gross Acres: 5.73 AC Price/Acre: - SF: 249,599 Price/SF: -		Net - - -	Avison Young 3-4 Brindleyplace Birmingham, B1 2JB 0844 902 0304 James Gibson, Andrev Buyer Agent No Buyer Agent on De	
financing				

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#### Plot 410 - Magna Park Fen St Milton Keynes, MK17 8EW Industrial Land of 22.32 AC Sold on 14/11/2019 for £10,613,364 -In Progress buyer Emerald MK410 Ltd 50 Bond St Image Coming Soon London, W1S 1BJ seller Fen Farm Developments Limited 50 New Bond St London, W1S 1BJ vital data Sale Price: £10,613,364 Sale Date: 14/11/2019 Escrow/Contract: Status: Full Value -Days on Market: Tenure: Freehold -Conditions: Down Pmnt: --Density: Pct Down: Max No of Units: Corner: No Price/Unit: -Topography: Lot Dimensions: Improvements: Frontage Comp ID: Off-Site Improv: 5289387 Milton Keynes Fringe Submarket: Property Type: Land Proposed Use: income expense data Listing Agent Gross Net Acres: 22.32 AC 22.32 AC £475,509.14 Price/Acre: £475,468.67 SF: 972,344 SF 972,259 SF **Buyer Agent** Price/SF: £10.92 £10.92 financing

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In Progress buyer	of 36.68 AC Sold on 06/1 Hopments Limited	1/2019 for £9,000,000 -		Image Coming Soon
vital data				
Escrow/ Days or Co Max No P Lot Dim	ale Date: 06/11/2019 Contract: - n Market: - Density: - of Units: - Price/Unit: - Frontage - Comp ID: 5303089		Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:	Full Value
income expense	e data		Listing Agent	
Acres: Price/Acre: SF: Price/SF: financing	1,597,563 SF	Net 36.67 AC £245,432.23 1,597,345 SF £5.63	Buyer Agent	

#### Plot 312

Magna Park, Fen St Milton Keynes, MK17 8EW

Commercial Land of 7.16 AC Sold on 11/12/2019 - Research Complete

#### buyer

Gazeley 48-50 New Bond St London, W1S 1BJ 020 7901 4455

#### seller

Diocese Of St Albans c/o Legal & General 41 Holywell HI St Albans, AL1 1HE 01727 854532

#### vital data

Sale Price: Sale Date: 11/12/2019 -Escrow/Contract: Status: -Days on Market: Tenure: Freehold -Conditions: Down Pmnt: --Pct Down: Density: Max No of Units: Corner: No Price/Unit: -Topography: Lot Dimensions: Improvements: \_ Frontage Comp ID: Off-Site Improv: 5052031 Milton Keynes Fringe Submarket: Property Type: Land Proposed Use: Industrial Listing Agent income expense data Bidwells Gross Net Trumpington Rd Cambridge, CB2 9LD Acres: 7.16 AC 7.16 AC 01223 841841 Price/Acre: --311,998 SF SF: 311,998 SF Buyer Agent Price/SF: -financing

Image Coming Soon

#### Geddington Rd Corby, NN18 8ET Industrial Land of 34.38 AC Sold on 14/11/2018 for £23,500,000 -**Research Complete** buyer Tritax 6 Duke St James St Image Coming Soon London, SW1Y 6BN 020 7290 1616 seller Corby Land & Development Limited Grooms Ln Northampton, NN6 8LU vital data Sale Price: £23,500,000 Sale Date: 14/11/2018 Escrow/Contract: Status: Full Value -Days on Market: Tenure: --Conditions: Down Pmnt: --Density: Pct Down: Max No of Units: Corner: No -Price/Unit: -Topography: Lot Dimensions: Improvements: -Frontage Comp ID: Off-Site Improv: 4840830 Corby Submarket: Property Type: Land Proposed Use: income expense data Listing Agent Gross Net Acres: 34.38 AC Price/Acre: £683,550.86 . 1,497,566 SF SF: . **Buyer** Agent Price/SF: £15.69 financing

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Barn in the Shoulder of Mutton Field Gun Ln Newport Pagnell, MK16 9PE Commercial Land of 0.13 AC Sold on 01/07/20 Complete buyer		
vital data		
Sale Date:01/07/2020Escrow/Contract:-Days on Market:938 daysConditions:-Density:-Max No of Units:-Price/Unit:-Lot Dimensions:-Frontage-Comp ID:5268250	D To Impi Off-S S Prop	Sale Price: - Status: - Tenure: Freehold Down Pmnt: - Pct Down: - Corner: No Topography: Level provements: - Site Improv: - Submarket: Milton Keynes Fringe operty Type: Land posed Use: Apartment Units
income expense data	Listing Agent	ıt
Price/Acre:		s Eves Ltd /K40 3TN 311 cGirl
financing		
		,

Γ

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02/12/2020

#### DriveThru Site

John Clark Way Rushden, NN10 0FN

Commercial Land of 1.70 AC Sold on 20/05/2020 for £2,000,000 - Research Complete

#### buyer

LondonMetric Property plc 1 Curzon St London, W1J 5HD 020 7484 9000

#### seller

Godwin Group c/o Krassi Stoyanova 1-3 Newhall St Birmingham, B3 3NH 0870 606 0537

#### vital data

Escrow/C Days or Co Max No Pi Lot Dim	ale Date: 20/05/2020 Contract: - In Market: - Inditions: - Density: - of Units: - rice/Unit: - ensions: - Frontage - Comp ID: 5134113		Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:	£2,000,000 Confirmed Freehold - - No - - East Northamptonshire Land -
income expense	e data		Listing Agent	
Price/Acre:	Gross 1.70 AC £1,176,470.59 74,052 SF	Net - -	Franck-Steier Price Ltd 114-116 Colmore Row Birmingham, B3 3BD 0121 513 0891 Ben Blackwall	
Price/SF:		_	Buyer Agent	
	<i>LL</i> 1.01		A & J Mucklow (Invest 55 Colmore Row Birmingham, B3 2AS 0121 550 1841 Mark Vernon	ments) Ltd
financing			[	

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#### **Commercial Development Site** John Clark Way Rushden, NN10 9LU Commercial Land of 1.79 AC Sold on 10/05/2020 - Research Complete buyer seller Connolly Homes Manor Farm Court Luton, LU3 3NZ 01525 827014 vital data Sale Price: Sale Date: 10/05/2020 -Escrow/Contract: Status: -Days on Market: 3,020 days Tenure: Freehold Conditions: Down Pmnt: --Density: Pct Down: Max No of Units: Corner: No Price/Unit: Topography: Lot Dimensions: Improvements: Frontage -Comp ID: 5127837 Off-Site Improv: East Northamptonshire Submarket: Property Type: Land Proposed Use: -Listing Agent income expense data Brown & Co Barfords Gross Net Great North Rd Acres: 1.79 AC Bedford, MK44 3AL 01480 213811 Price/Acre: -David Barford SF: 77,972 SF Buyer Agent Price/SF: financing

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#### 4.5 Acre Development Site Wixams, Kenneth Way Bedford, MK45 3PD Commercial Land of 22.96 AC Sold on 27/08/2019 - Research Complete buyer Wrenbridge Mill Ct Image Coming Soon Cambridge, CB2 5LD 01223 845845 seller L&Q Estates Gallagher Way Warwick, CV34 6AF 01926 339339 vital data Sale Price: Sale Date: 27/08/2019 -Escrow/Contract: Status: -Days on Market: Tenure: Freehold -Conditions: Down Pmnt: --Density: Pct Down: Max No of Units: Corner: No Price/Unit: -Topography: Lot Dimensions: Improvements: \_ Frontage Comp ID: Off-Site Improv: 4876609 Bedford Submarket: Property Type: Land Proposed Use: Industrial income expense data Listing Agent Gross Net Acres: 22.96 AC 4.25 AC Price/Acre: -185,130 SF SF: 1,000,000 SF **Buyer Agent** Price/SF: --Adroit Real Estate Advisors Hitchin Rd Luton, LU2 8DL 01582 320942 Lloyd Spencer financing

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#### Land

Manton Ln Bedford, MK41 7LW

Commercial Land of 8 AC Sold on 20/12/2018 for £3,500,000 -**Research Complete** 

#### buyer

Barwood Capital Ltd 4 Waterside Way Northampton, NN4 7XD 01604 369100

#### seller

Loudwater Investment Partners 3 Dean Trench St London, SW1P 3HB 020 3372 6400

#### vital data

Sale Date: Escrow/Contract: Days on Market: Conditions: Density: Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID:

--Development Sale

20/12/2018

4613661

A COLORINAL STREET	100
	- Cost

Sale Price: £3,500,000 Status: Tenure: Down Pmnt: -Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:

Confirmed Freehold No Bedford Land Distribution

income expense	e data		Listing Agent
	Gross	Net	
Acres:	8 AC	-	
Price/Acre:	£437,500.00	-	
SF: Price/SF:	348,480 SF £10.04	-	Buyer Agent
			Avison Young 22 Ganton Street London, W1F 7FD 020 7491 2188
financing			

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#### Market Rd Kettering, NN14 4RE

buyer

seller

Industrial Land of 0.98 AC Sold on 13/11/2020 - Research Complete



#### vital data

Sale Date: 13/11/202 Escrow/Contract: -Days on Market: 470 days Conditions: Develope Density: -Max No of Units: -Price/Unit: -Lot Dimensions: -Frontage -Comp ID: 5285108

13/11/2020 -470 days Development Sale --

_	
Status: -	
Tenure: Freehold	
Down Pmnt: -	
Pct Down: -	
Corner: No	
Topography: Steep	
Improvements: -	
Off-Site Improv: Telephone	
Submarket: East Northamptonshir	е
Property Type: Land	
Proposed Use: Medical	

ncome expense	e data		Listing Agent
Acres: Price/Acre:	Gross 0.98 AC - 42,515 SF	Net - - -	Henry H Bletsoe & Son High St Kettering, NN14 1DF 01832 732241 Tristan Peck Buyer Agent No Buyer Agent on Deal
inancing			

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#### Land at Plot 6a Warth Park, Meadow Ln Wellingborough, NN9 6EQ Industrial Land of 18.89 AC Sold on 12/01/2018 for £6,700,000 -**Research Complete** buyer Tritax 6 Duke St James St Image Coming Soon London, SW1Y 6BN 020 7290 1616 seller Roxhill Developments Ltd Cosford Ln Rugby, CV21 1QN 01788 422197 vital data Sale Price: £6,700,000 Sale Date: 12/01/2018 Escrow/Contract: Status: Full Value -Days on Market: Tenure: Freehold -Conditions: Down Pmnt: --Density: Pct Down: Max No of Units: Corner: No Price/Unit: -Topography: Lot Dimensions: Improvements: Frontage -Comp ID: 4718774 Off-Site Improv: East Northamptonshire Submarket: Property Type: Land Proposed Use: income expense data Listing Agent Gross Net Acres: 18.89 AC Price/Acre: £354,756.38 . SF: 822,687 SF . **Buyer Agent** Price/SF: £8.14 financing

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Meadow Rd Sandy, SG19 3BB

buyer

seller

Commercial Land of 0.58 AC Sold on 06/12/2017 for  $\pounds55{,}500$  - Public Record



#### vital data

Sale Date: Escrow/Contract: Days on Market: Conditions: Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID:

06/12/2017 -20 days Auction Sale \_

4077609

Sale Price:	£55,500
Status:	Confirmed
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	-
Submarket:	Huntingdor
Property Type:	Land
Proposed Use:	-

ehold ntingdonshire ١d

ncome expens	e data		Listing Agent
Acres: Price/Acre:	Gross 0.58 AC £95,689.66 25,265 SF	Net - - -	Cheffins Commercial 1-2 Clifton Rd Cambridge, CB1 7EA 01223 213666 lan Kitson Buyer Agent No Buyer Agent on Deal
financing			

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Possible Extension for Warehou         Prologis Marston Gate, 1-2 Salford Rd         Bedford, MK43 0XX         Industrial Land of 12.60 AC Sold on 09/02         Research Complete         buyer         Prologis UK Ltd         14 Clifford St         London, W1S 4JU         020 7518 8700			Image Coming Soon
vital data			
Sale Date:09/02/2018Escrow/Contract:-Days on Market:-Conditions:-Density:-Max No of Units:-Price/Unit:-Lot Dimensions:-Frontage-Comp ID:4392477		Sale Price: Status: Tenure: Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket: Property Type: Proposed Use:	£6,500,000 - - - No Level Raw Cable, Curb/Gutter/Sidewalk, Electricity, Bedfordshire Central Land Industrial
income expense data		Listing Agent	
Gross Acres: 12.60 AC Price/Acre: £515,827.98 SF: 548,907 SF	Net - -		
Price/SF: £11.84		Buyer Agent	
financing			

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Woodview N Shefford Rd Shefford, SG17 Land of 0.50 AC buyer For Sale seller		£550,000/AC)		Nursing Hofine and Day Cyrine
vital data				
Co Lot Dim	n Market: 260 days onditions: - nensions: - Frontage: -		Asking Price: Status: Tenure: Corner: Topography: Submarket: Property Type: Proposed Use:	£275,000 For Sale Freehold No - Bedfordshire Central Land -
income expense	o data		Listing Agent	
Acres: Price/Acre:	Gross 0.50 AC - 21,780 SF	Net 0.50 AC - 21,780 SF -	Brown & Co Barfords Great North Rd Bedford, MK44 3AL 01480 213811 Tim Davies Buyer Agent	

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## Fircroft Park

Stamford Rd Kettering, NN14 1DU

Commercial Land of 3.25 AC Sold on 13/07/2018 - Research Complete

buyer



seller

Sywell Land 4 Priors Haw Rd Corby, NN17 5JG

#### vital data

Sale Date: Escrow/Contract: -Days on Market: Conditions: -Max No of Units: Price/Unit: Lot Dimensions: Frontage -Comp ID: 4467043

13/07/2018 1,439 days

Sale Price:	-
Status:	-
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	-
Submarket:	Corby
Property Type:	Land
Proposed Use:	-

GrossNetPotter Learoyd Commercial London Rd Corby, NN17 5EU 01536 560400 Richard Potter, Marcus LearoydPrice/Acres141,570 SF-Price/SF:141,570 SF-Price/SF:Imancing	ncome expens	e data		Listing Agent
inancing	Price/Acre: SF:	Gross 3.25 AC - 141,570 SF	-	London Rd Corby, NN17 5EU 01536 560400 Richard Potter, Marcus Learoyd
	nancing			

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#### Site B

buyer

seller

Station Rd Corby, NN17 1UJ

Commercial Land of 1.90 AC Sold on 01/06/2018 - Research Complete



#### vital data

Sale Date: 01/06/2018 Escrow/Contract: -

Days on Market: -Conditions: -Density: -Max No of Units: -Price/Unit: -Lot Dimensions: -Frontage -Comp ID: 4322790

Sale Price:	-
Status:	-
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	Cable, Curb/Gutter/Sidewalk, Electricity,
Submarket:	Corby
Property Type:	Land
Proposed Use:	-

income expense	e data		Listing Agent
Price/Acre:	82,764 SF	Net - - -	Lambert Smith Hampton Ltd Roman Way Northampton, NN4 5AE 01604 664366 Ian Leather Buyer Agent
financing			

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Residential Development Opportunity         The Ave         Huntingdon, PE29 2AF         Land of 5.58 AC is for sale         buyer         For Sale         seller	Image Coming Soon
-	
vital data	
Days on Market: 765 days Conditions: Development Sale Lot Dimensions: - Frontage: 162 feet on The Avenue	Asking Price: - Status: For Sale Tenure: Freehold Corner: No Topography: Level Submarket: Huntingdonshire Property Type: Land Proposed Use: Apartment Units
income expense data Gross Net Acres: 5.58 AC - Price/Acre: SE: 242 065 SE	Listing Agent Rapleys LLP 33 Jermyn St London, SW1Y 6DN 0370 777 6292 Angus Irvine
SF: 243,065 SF - Price/SF:	Buyer Agent

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The Great Ouse Way Bedford, MK41 7FY Land of 2.57 AC is for sale buyer For Sale seller		
vital data		
Days on Market: 456 da Conditions: - Lot Dimensions: - Frontage: -	ays	Asking Price: - Status: For Sale Tenure: Freehold Corner: No Topography: - Submarket: Bedford Property Type: Land Proposed Use: Commercial
incomo ovnonco data		Listing Agent
income expense data Gross Acres: 2.57 AC Price/Acre: - SF: 111,949 SF Price/SF: -	Net - - -	Listing Agent Kirkby Diamond LLP Chalkdell Dr Milton Keynes, MK5 6LB 01908 678800 Nick Bosworth Buyer Agent

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#### Land at Milton Ham Farm

Towcester Rd Northampton, NN4 9RN

Commercial Land of 37 AC Sold on 01/11/2019 for £14,210,000 - Research Complete

#### buyer

Firethorn Trust 85-86 Newman St London, W1T 3EU 020 7039 9220

#### seller

Travis Perkins Plc 61-79 Norwood High St London, SE27 9JS 020 8670 0700

#### vital data

Sale Price: Sale Date: 01/11/2019 £14,210,000 Escrow/Contract: Status: Confirmed -Days on Market: Tenure: Freehold 154 days Conditions: Down Pmnt: -Density: Pct Down: Max No of Units: Corner: No Price/Unit: Topography: Lot Dimensions: Improvements: Frontage Off-Site Improv: Comp ID: 4938247 Northampton Fringe Submarket: Property Type: Land Proposed Use: income expense data Listing Agent Knight Frank LLP Knight Frank LLP Gross Net 55 Baker St 1 Colmore Row Acres: 37 AC London, W1U 8AN Birmingham, B3 2BJ 020 7629 8171 0121 200 2220 Price/Acre: £384,054.05 **Charles Binks** James Clements SF: 1,611,720 SF Buyer Agent Price/SF: £8.82 Dowley Turner Real Estate 2 Gees Ct London, W1U 1JA 020 3328 9080 Tom Fairlie financing prior sale Date/Doc No: 27/02/2019 Sale Price: £5,464,036 CompID: 4732346

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#### Warrington Rd Olney, MK46 5FP

Commercial Land of 11 AC Sold on 27/07/2020

#### buyer

Angle Property Ltd 1 Bruton St London, W1J 6TL 020 7409 4515

seller



#### vital data

Sale Date: Escrow/Contract: Days on Market: Conditions: Density: Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID:

--Development Sale -

27/07/2020

--852 feet on Warrington Road 5188689

Sale Price:	-
Status:	-
Tenure:	Freehold
Down Pmnt:	-
Pct Down:	-
Corner:	No
Topography:	-
Improvements:	-
Off-Site Improv:	-
Submarket:	Milton Keynes Fringe
Property Type:	Land
Proposed Use:	Commercial

income expense	e data		Listing Agent
Price/Acre:	Gross 11 AC - 479,160 SF	Net 11 AC - 479,160 SF	Buyer Agent
Price/SF:	-	-	
financing			

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#### Gallagher Business Park

Watson Rd Bedford, MK45 3PD

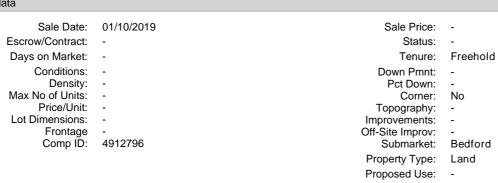
Commercial Land of 13.04 AC Sold on 01/10/2019 - Research Complete

buyer

#### seller

Gallagher Developments Ltd Gallagher Way Solihull, B94 6NW 01926 699699

#### vital data



income expense	e data		Listing Agent
Price/Acre:	568,196 SF	Net - - -	TDB Real Estate Ltd 8-10 Queensbridge Northampton, NN4 7BF 01604 604020 Chris Drummond Buyer Agent
financing			

E CAUSEWAY

A6

421 (M1/J1

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#### **G-Park Bedford Wixams**

Watson Rd Bedford, MK45 3PD

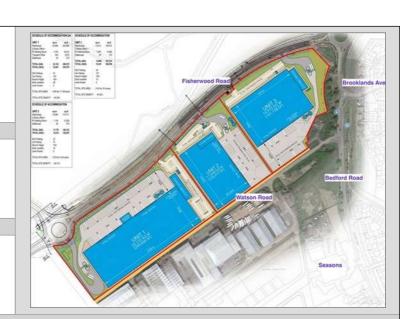
Industrial Land of 25 AC Sold on 17/02/2020 - Research Complete

#### buyer

Gazeley 48-50 New Bond St London, W1S 1BJ 020 7901 4455

#### seller

L&Q Estates Gallagher Way Warwick, CV34 6AF 01926 339339



#### vital data

Sale Date:	17/02/2020	Sale Price:	-
Escrow/Contract:	-	Status:	Unconfirmed
Days on Market:	-	Tenure:	Freehold
Conditions: Density: Max No of Units: Price/Unit: Lot Dimensions: Frontage Comp ID:	- - - - - 5059902	Down Pmnt: Pct Down: Corner: Topography: Improvements: Off-Site Improv: Submarket:	- No Level - Cable, Curb/Gutter/Sidewalk, Electricity, Bedford
		Property Type: Proposed Use:	Land Warehouse

income expens	e data		Listing Agent
	Gross	Net	No Listing Agent on Deal
Acres:	25 AC	25 AC	
Price/Acre:	-	-	
SF:	1,089,000 SF	1,089,000 SF	Buyer Agent
Price/SF:	-	-	No Buyer Agent on Deal
financing			

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#### **Quick Stats Report**

	Comps	Statistics			
	Low	Average	Median	High	Count
Land					
Price					
For Sale & UC/Pending	£275,000	£275,000	£275,000	£275,000	1
Sold Transactions	£55,500	£6,446,066	£3,500,000	£23,500,000	13
Parcel Size					
For Sale & UC/Pending	0.50 AC	2.75 AC	1.59 AC	6.75 AC	6
Sold Transactions	0.13 AC	9.14 AC	4.97 AC	37 AC	30
Price per Acre					
For Sale & UC/Pending	£550,000	£550,000	£550,000	£550,000	1
Sold Transactions	£81,301	£375,928	£412,524	£1,176,471	12
Days on Market					
For Sale & UC/Pending	260	907	700	1,954	6
Sold Transactions	20	973	475	3,020	15
Sale Price to Asking Price F	Ratio				
Sold Transactions	83.78%	153.76%	100.00%	277.50%	3
Mixed					
Price					
For Sale & UC/Pending	£9,300,000	£9,300,000	£9,300,000	£9,300,000	1
Sold Transactions	-	-	-	-	-
NIA					
For Sale & UC/Pending	81,050 SF	81,050 SF	81,050 SF	81,050 SF	1
Sold Transactions	-	-	-	-	-
Price per SF					
For Sale & UC/Pending	£114.74	£114.74	£114.74	£114.74	1
Sold Transactions	-		-	-	-
Net Initial Yield					
For Sale & UC/Pending	-	-	-	-	-
Sold Transactions	-	-	-	-	-
Days on Market					
For Sale & UC/Pending	155	155	155	155	1
Sold Transactions	-	-	-	-	-
Sale Price to Asking Price F	Ratio				
Sold Transactions	-	-	-	-	-
	Тс	otals			
For Sale & UC/Pending	Asking Price Total:	£9,575,000	Total For Sa	le Transactions:	7
Sold Transactions	Total Sales Volume:	£83,798,864		Transactions:	31
	Total Included in Analysis:	£93,373,864	Total Incluc	38	
	Survo	/ Criteria			
		sed to Rapleys LLP - 830377.			02/12/2020

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#### Quick Stats Report

Low	Average	Median	High	Coun
asic criteria: Type of Property - Land; Sale Date - from nd Search on Portfolio Sales as Individual Properties - Y	02/12/2017; Sale ′es; Exclude Non-	Status - Sold, Unde Arms Length Comp	r Offer; Returr os - Yes	1
nd specific criteria: Secondary Type - Commercial, Ind	lustrial			
eography criteria: Radius - 20.00 mile(s) radius from L	.at : -0.56545345,	Long : 52.2311283		

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# GARDINER AND THEOBALD COST PLAN



Job No. : 34333 Client : Wrenbridge Issue Date : 11-Dec-20 Base Date : 4Q 2020

JMMARY				Phase 1	Phase 2	Comments
	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
OFF SITE ISSUES						
Highways				16,033,875	11,550,000	
Transport (inc. bus routes)				5,000,000	2,600,000	
Utilities (Reinforcement)				11,850,000	200,000	
ON SITE ISSUES - EXC. RESIDENTIAL UNITS						
Demolition, site clearance & remediation				567,000	574,750	
Environmental				3,500,000	-	
Development Platform (inc. swales & bunds)				2,404,000	2,120,000	
Water attenuation & drainage				6,908,125	3,440,625	
Highways				22,890,000	8,660,000	
Transport (inc. bus routes) - See Off Site Highways				-	-	
New Rail Station				20,000,000	-	
Utilities (on-site diversion and distribution)				15,742,875	5,721,875	
Public open space				29,081,000	13,647,250	
Temporary and Sacrificial Works				4,350,000	2,400,000	
Education - see s106 / CIL contributions				-	-	
Other social infrastructure				1,580,000	4,097,500	
SUB TOTALS (WORKS)		(	Carried forward £	140,000,000	55,000,000	Rounded



# LEE FARM, COLWORTH

## **INDICATIVE MASTERPLAN COSTS**

No. : 34333 lient : Wrenbridge							Issue Date : 11-Dec- Base Date : 4Q 2020
MMARY	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	Comments	
SUB TOTALS (WORKS)			Brought forward £	140,000,000	55,000,000	Rounded	
BUILDINGS AND RESIDENTIAL							
Dwellings				311,361,721	346,028,630		
Commercial				-	-	excluded	
				451,361,721	401,028,630		
PLANNING CONTRIBUTIONS							
S106				Included concrete	huin Annraical		
CIL				Included separate	iy in Appraisai		
SUB TOTALS				451,361,721	401,028,630		
FEES & SURVEYS							
Allowance for Professional Fees & Surveys				Included separate	ly in Appraisal		
TOTALS				451,361,721	401,028,630		
Add for Contingency				Included separate	ly in Appraisal		
TOTAL ESTIMATED DEVELOPMENT COST				451,361,721	401,028,630		



Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
BASIS AND EXCLUSIONS				Phase 1	Phase 2	
	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	

#### BASIS

- 1 Framework Plan PL1586-VW-001-13
- **2** Concept Plan PL1586-VW-001-15
- **3** Phasing Plan
- 4 Outline Public Transport Strategy v2 dated 16 June 2016, updated via email 18 January 2017 and subsequent conversations
- 5 Utilities Technical Note TN001 Rev B dated 18/10/16
- 6 Preliminary Drainage Scheme SK16061401
- 7 Colworth Noise and Heritage Report ARUP
- 8 Rapleys Financial Viability Submission
- 9 Rapleys Colworth Viability Review
- 10 Residential unit rates have been included within this cost estimate based on information received from housebuilders such as Taylor Wimpey and Bellway.These standard rates include for the housing and cover the associated externals. These rates will need to be assessed against targeted sales values in the next stage.
- **11** Our costs represent an effective and efficient delivery of the proposed development. Costs have been prepared based on development information received from Rapleys and our advice fully reflects the way the development would actually be carried out in line with this.



## LEE FARM, COLWORTH

#### **INDICATIVE MASTERPLAN COSTS**

Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
BASIS AND EXCLUSIONS	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	

#### **EXCLUSIONS**

Standard exclusions apply such as VAT, legal fees, site acquisition and finance fees & costs, future inflation, etc. Specific exclusions:

- **1** Commercial Development
- 2 Planning Conditions & s106 Obligations including education contributions
- 3 CIL Contributions
- 4 Off site highway works, including improvements to A6, except for direct access roads from A6
- 5 Major Services diversions in connection with access roads
- 6 Works to existing woodland and landscape presumed part of existing maintenance regime
- 7 Healthcare Facility presumed part of Commercial Development
- 8 Public Art
- **9** Interim Landscaping between phases
- 10 Allowances for Professional Fees and Surveys included in Development Appraisal
- **11** Contingency Allowance included in Development Appraisal
- **12** Inflation. All costs are based on current day rates as agreed with Wrenbridge and Rapleys.
- **13** Tertiary access roads within development blocks not defined at this stage. Allowances made for primary and secondary access routes only.
- 14 Multiple dwelling buildings have been included at 15% of the total residential dwellings as per discussions with Rapleys. This % has been applied across the total number of residential dwellings and no consideration is given to the individual apartment types / sizes at this stage. This will need to be developed further in the next stage.



# LEE FARM, COLWORTH

## **INDICATIVE MASTERPLAN COSTS**

	Diana 4	
Client : Wrenbridge		
Job No. : 34333		

F SITE HIGHWAYS					Phase 1	Phase 2
	Quant	Unit	Rate		2132 Homes	2376 Homes
			£		£	£
Access from North (A6) via Forty Foot Lane (Phase 1)						
Roundabout (80m dia)		Item			4,000,000	
Access Road (7.3m, plus footways & verges)	1,650	m	2,925		4,826,250	
Side Junctions	5	No	50,000		250,000	
Allowance for works to rail bridge		Item			250,000	
Allowance for new vehicle bridge, alongside existing, approaches, possessions, etc.,						
say 50m span x 10m wide						
		Item			5,000,000	
Filling to form embankments at existing bridge approaches, up to 250m each side inc.						
piling		Item			250,000	
Access from North (A6) via Souldrop (Phase 2)						
Roundabout (80m dia)		Item				4,000,000
Access Road (7.3m, plus footways & verges)	2,000	m	2,925			5,850,000
Side Junctions	3	No	50,000			150,000
Allowance for cosmetic works to rail bridge		Item	-			250,000
Filling to form embankments at bridge approaches, up to 250m each side inc. piling						·
		Item				250,000
Allowance for Highways Adoption Charges				10%	1,457,625	1,050,000

11-Dec-20 4Q 2020



# LEE FARM, COLWORTH

#### **INDICATIVE MASTERPLAN COSTS**

No.: 34333 lient: Wrenbridge						11-Dec 4Q 202
F SITE TRANSPORT				Phase 1	Phase 2	
	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
From PBA Technical Note - Outline Public Transport Strategy v2 dated 16 June 201 email 18 Jan 2017, and subsequent conversations.	6; updated via F	РВА				
Bus Services						
Support to bus services:						
Service 50 - additional bus to divert service into site	20	yrs	185,000	1,850,000	1,850,000	
Service 50 - two additional buses to provide 30 minute service	20	yrs	370,000	3,700,000	3,700,000	
Reduction for increasing revenue over time	10	yrs	(155,000)	(1,550,000)		
(max. £620k per year)	10	yrs	(310,000)		(3,100,000)	
Rail Services						
Capital cost of Station					inc.	
Contribution to cost of leasing additional train set (capital cost $^{\sim}$ £10M)		Item		1,000,000		
Support to rail services:						
Operating costs	10	yrs	260,000		2,600,000	
Reduction for increasing revenue over time	10	yrs	(245,000)		(2,450,000)	
(max. £490k per year)						
TOTALS				5,000,000	2,600,000	



## LEE FARM, COLWORTH

### **INDICATIVE MASTERPLAN COSTS**

b No. : 34333 Client : Wrenbridge						11-Dec- 4Q 2020
FF SITE UTILITIES	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
Allowances generally based upon PBA Technical Note TN001 Rev B dated 18/10/16.			£	£	£	
Electrical						
Sharnbrook Primary sub-station reinforcement including 15km cabling from						
Wellingborough BSP				4,750,000		
Allowance for inflation to 4Q18				280,000		
Gas						
Feasibility study				50,000		
Allowance for Infrastructure reinforcement to support for 4,500 dwellings						
				3,400,000		
Allowance for inflation to 4Q18				200,000		
Potable Water						
Strategic contributions				175,000		
Off site Infrastructure, local reinforcement contribution						
				1,900,000		
Allowance for inflation to 4Q18				120,000		
		C	Carried forward f	10,875,000		-



Job No. : 34333	11-Dec-20
Client : Wrenbridge	4Q 2020

FF SITE UTILITIES				Phase 1	Phase 2
	Quant	Unit	Rate	2132 Homes	2376 Homes
			Brought forward £	10,875,000	-
Telecoms					
Presumed free of charge by provider				Nil	Nil
Lay free issue ducts along access roads					
Phase 1	1,650	m	100	165,000	
Phase 2	2,000	m	100		200,000
Foul Drainage					
Collection to pump house on site				See On Sit	te Utilities
Pumped main to Great Ouse	3,000	m	270	810,000	



Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
SITE CLEARANCE	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	

			£	£	£	
Demolition						
Farm Buildings	600	m2	160	96,000		
	400	m2	160		64,000	
Site Clearance						
General clearance of scrub, small trees, etc.	140	На	2,650	371,000		
	155	На	2,650		410,750	
Decontamination						
General allowance for localised issues				100,000	100,000	



# LEE FARM, COLWORTH

## **INDICATIVE MASTERPLAN COSTS**

No.: 34333 ent: Wrenbridge						11-Dec-2 4Q 2020
nt : Wrenbridge RONMENTAL Generally Allowance for sinking fund for establishment of Ecological Maintenance Company Air Quality No interventions anticipated				Phase 1	Phase 2	
	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
Generally						
Allowance for sinking fund for establishment of Ecological Maintenance Company	10	yrs	50,000	500,000		
Air Quality						
No interventions anticipated				-	-	
Noise						
Bund adjacent to Santa Pod Raceway				inc.	inc.	
Allow for further noise mitigation measures associated with Santa Pod Raceway		Item		3,000,000		
Railway is generally in a cutting so no interventions anticipated						

Presumed by Desk Top studies as part of Fees Allowance

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## LEE FARM, COLWORTH INDICATIVE MASTERPLAN COSTS

Job No. : 34333 Client : Wrenbridge			11-Dec-20 4Q 2020
DEVELOPMENT PLATFORM	Phase 1	Phase 2	

	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
Phase 1						
Excavation for attenuation ponds; disposal to temp spoil heaps						
	60,200	m3	10	602,000		
Levelling plots for schools & sports pitches	60,000	m3	10	600,000		
Place excavated material in bund to provide noise screen adjacent to Santa Pod						
	120,200	m3	10	1,202,000		
Phase 2						
Excavation for attenuation ponds; disposal to temp spoil heaps						
	41,000	m3	10		410,000	
Levelling plots for schools & sports pitches	65,000	m3	10		650,000	
Supplement Santa Pod bund	106,000	m3	10		1,060,000	

Note: excavated material from roads, ditches, swales etc. may supplement bund or be used for approaches to bridges over railways



Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
WATER MANAGEMENT	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
	Quant	Unit	£	£	£	
Phase 1						
Create lined(?) attenuation ponds (excavation priced separately)	60,200	m2	50	3,010,000		
Allowance for clearing and/or enlarging existing ditches, creating new ditches						
		Item		750,000		
Collection drainage, ave. 450 dia	8,625	m	365	3,148,125		
Phase 2 Create lined(?) attenuation ponds (excavation priced separately)						
	41,000	m2	50		2,050,000	

Item

m

365

3,125

Allowance for clearing and/or enlarging existing ditches, creating new ditches

Collection drainage, ave. 450 dia

250,000

1,140,625



Job No. : 34333 Client : Wrenbridge		
ON SITE HIGHWAYS	Phase 1	Phase

N SITE HIGHWAYS				Phase 1	Phase 2
	Quant	Unit	Rate	2132 Homes	2376 Homes
			£	£	£
Phase 1					
Primary Access Roadway	3,600	m	3,100	11,160,000	
Secondary Distributor Roadway	3,300	m	3,100	10,230,000	
Tertiary Roadways				excluded	excluded
Junctions, Primary to Secondary	9	No	50,000	450,000	
Junctions, Primary to Developer (Spur)	10	No	35,000	350,000	
Junctions, Secondary to Developer (Spur)	10	No	25,000	250,000	
Pedestrian Crossings		Allow		100,000	
Bus stops		Allow		100,000	
Enhanced finish to Village Centre		Allow		250,000	
Phase 2					
Primary Access Roadway	700	m	3,100		2,170,000
Secondary Distributor Roadway	1,800	m	3,100		5,580,000
Tertiary Roadways				excluded	excluded
Junctions, Primary to Secondary	2	No	50,000		100,000
Junctions, Primary to Developer (Spur)	6	No	35,000		210,000
Junctions, Secondary to Developer (Spur)	6	No	25,000		150,000

11-Dec-20

4Q 2020



Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
ON SITE HIGHWAYS				Phase 1	Phase 2	
	Quant	Unit	Rate	2132 Homes	2376 Homes	
Pedestrian Crossings		Allow			100,000	
Bus stops		Allow			100,000	
Enhanced finish to Village Centres		Allow			250,000	
TOTALS				22,890,000	8,660,000	



Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
ON SITE TRANSPORT	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
			£	£	£	
All taken as Off Site Transport				inc.	inc.	

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Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
RAIL STATION	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
			£	£	£	
New Rail Station						
Allowance for contribution to Network Rail for provision of new rail station		Item		20,000,000		
Sub	o-total			20,000,000	-	
Allow car parking for Parkway option	500	Spaces	2,550	inc		

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Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
ON SITE UTILITIES	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	

	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
Diversions						
33kV overhead power supply across site,						
approx. 2.7km		Item		290,000		
Allowance for inflation to 4Q18		Item		20,000		
Allowance for trenching, etc.	2,700	m	155	418,500		
11kV power supply to farm at west of site		Item		750,000		
Potable water supply to west of site		Item		200,000		
Distribution						
Electrical						
Off and on site 11kV distribution for supplies to end users						
		Item		3,650,000	1,800,000	
Allowance for inflation to 4Q18		Item		210,000	100,000	
Allowance for trenching, etc.	12,000	m	130	1,040,000	520,000	
Sub-stations		Item		-	-	
Gas						
Pipework	8,625	m	265	2,285,625		
Pipework	3,125	m	265		828,125	
Equipment		Item		100,000	100,000	

Carried forward £ 8,964,125 3,348,125



Job No. : 34333	11-Dec-20
Client : Wrenbridge	4Q 2020

I SITE UTILITIES	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes
		E	Brought forward £	8,964,125	3,348,125
Distribution (continued)					
Potable water					
On site water mains				1,100,000	500,000
Allowance for inflation to 4Q18		Item		60,000	30,000
Allowance for trenching, etc.	8,625	m	110	948,750	
Allowance for trenching, etc.	3,125	m	110		343,750
Telecoms					
Lay free issue ducts	8,625	m	110	948,750	
Lay free issue ducts	3,125	m	110		343,750
Foul Drainage					
Collection network (450mm dia ave., inc. m/h)	8,625	m	370	3,191,250	
Collection network (450mm dia ave., inc. m/h)	3,125	m	370		1,156,250
Allowance for collection chamber(s) & pump house(s)					
		Item		530,000	-
Infrastructure charges		Excl.		Presumed De	veloper Cost
District Heating					
Not proposed		Itom			
Not proposed		Item		-	-



Job No. : 34333 Client : Wrenbridge 11-Dec-20

4Q 2020

BLIC OPEN SPACE	Quant	l la it	Data	Phase 1 2132 Homes	Phase 2 2376 Homes
	Quant	Unit	Rate £	£	£
Phase 1					
Existing Woodland	44.8	На	-	-	
New planting	27.3	На	135,000	3,678,750	
Existing Informal	-	На	-	-	
New Informal	19.8	На	425,000	8,402,250	
Grassland Nature Reserve	10.0	На	425,000	4,250,000	
Golf Course (existing 9 hole)	-	На	-	-	
Sports Pitches (existing)	6.0	На	-	-	
Allotments	4.0	На	425,000	1,700,000	
Attenuation Ponds	6.0	На	-	-	
Country Park (additional landscaped area)	26.0	На	425,000	11,050,000	
Phase 2					
Existing Woodland	26.7	На	-		-
New planting	4.2	На	135,000		567,000
Existing Informal	49.6	На	-		-
New Informal	22.7	На	425,000		9,660,250
Grassland Nature Reserve	-	На	425,000		-
Golf Course (existing 9 hole)	12.1	На	-		-
Sports Pitches (new)	7.0	На	415,000		2,905,000
Pavilion / Changing Facility		Item			515,000
Allotments	-	На	425,000		-
Attenuation Ponds	4.1	На	-		-

29,081,000 13,647,250



IAJI LINF LAIN	0313				
					11-Dec-2 4Q 2020
Quant	l lait	Data	Phase 1	Phase 2	
Quant	Unit	£	£	£	
	Item		500,000		
	Item			100,000	
	ltem		1,750,000	1,500,000	
	Item		2,100,000	800,000	
	Quant	ltem Item	Quant Unit Rate £ Item Item Item	QuantUnitRate2132 Homes£££Item500,000Item1,750,000	QuantUnitRatePhase 1 2132 HomesPhase 2 2376 Homes££££Item500,000 100,000100,000Item1,750,0001,500,000

temporary or interim social infrastructure



Job No. : 34333	11-Dec-20
Client : Wrenbridge	4Q 2020

UCATION				Phase 1	Phase 2	
	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
Secondary						
8FE school (without VI <sup>th</sup> Form)	14.8	acre	-	excluded	excluded	
Primary	-					
2FE school	7.4	acre	-	excluded	excluded	
2FE school	7.4	acre	-	excluded	excluded	
2FE School	7.4	acre	-	excluded	excluded	
3FE school	7.4	acre		excluded	excluded	

#### Nursery / Pre-school

No information provided - presume by plot developer?

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# LEE FARM, COLWORTH

## INDICATIVE MASTERPLAN COSTS

Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
RESIDENTIAL	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
			£	£	£	
Phase 1 - Zone 1						
Private Ownership - 70% of dwellings						
1B2P Apartment	41,041	Sq ft	217	8,905,897		
2B2P Apartment	52,234	Sq ft	217	11,334,778		
2B3P House	104,766	Sq ft	127	13,305,343		
2B4P House	120,884	Sq ft	127	15,352,319		
3B4P House	673,072	Sq ft	127	85,480,195		
4B5P House	564,127	Sq ft	127	71,644,154		
5B6P House	119,392	Sq ft	127	15,162,784		
Affordable Renting - 23.4% of dwellings						
1B2P Apartment	13,719	Sq ft	147	2,016,755		
2B2P Apartment	17,461	Sq ft	147	2,566,779		



Job No. : 34333 Client : Wrenbridge 11-Dec-20 4Q 2020

IDENTIAL	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes
	Quant	0	£	£	£
2B3P House	35,022	Sq ft	110	3,852,413	
2B4P House	40,410	Sq ft	110	4,445,092	
3B4P House	224,998	Sq ft	110	24,749,834	
4B5P House	188,580	Sq ft	110	20,743,763	
5B6P House	39,911	Sq ft	110	4,390,214	
Shaved Oursership C CV of duallings					
Shared Ownership - 6.6% of dwellings 1B2P Apartment	3,870	Sq ft	205	793,264	
2B2P Apartment	4,925	Sq ft	205	1,009,609	
2B3P House	9,878	Sq ft	115	1,135,968	
2B4P House	11,398	Sq ft	115	1,310,732	
3B4P House	63,461	Sq ft	115	7,298,028	
4B5P House	53,189	Sq ft	115	6,116,751	
5B6P House	11,257	Sq ft	115	1,294,550	



# LEE FARM, COLWORTH

## **INDICATIVE MASTERPLAN COSTS**

Job No. : 34333	11-Dec-20
Client : Wrenbridge	4Q 2020

SIDENTIAL				Phase 1	Phase 2
	Quant	Unit	Rate £	2132 Homes £	2376 Homes £
Phase 2 - Zones 2 & 3					
Private Ownership - 70% of dwellings					
1B2P Apartment	45,738	Sq ft	217		9,925,146
2B2P Apartment	58,212	Sq ft	217		12,632,004
2B3P House	116,757	Sq ft	127		14,828,093
2B4P House	134,719	Sq ft	127		17,109,338
3B4P House	750,103	Sq ft	127		95,263,106
4B5P House	628,690	Sq ft	127		79,843,579
5B6P House	133,056	Sq ft	127		16,898,112



Job No. : 34333	11-Dec-20
Client : Wrenbridge	4Q 2020

RESIDENTIAL	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
			£	£	£	
Affordable Renting - 20% of dwellings						
1B2P Apartment	15,290	Sq ft	147		2,247,565	
2B2P Apartment	19,459	Sq ft	147		2,860,538	
2B3P House	39,030	Sq ft	110		4,293,308	
2B4P House	45,035	Sq ft	110		4,953,817	
3B4P House	250,749	Sq ft	110		27,582,366	
4B5P House	210,162	Sq ft	110		23,117,815	
5B6P House	44,479	Sq ft	110		4,892,659	
Shared Ownership - 6.6% of dwellings						
1B2P Apartment	4,312	Sq ft	205		884,050	
2B2P Apartment	5,489	Sq ft	205		1,125,155	



Job No. : 34333 Client : Wrenbridge 11-Dec-20 4Q 2020

			Phase 1	Phase 2
Quant	Unit	Rate	2132 Homes	2376 Homes
		£	£	£
11,008	Sq ft	115		1,265,976
12,702	Sq ft	115		1,460,741
70,724	Sq ft	115		8,133,262
59,276	Sq ft	115		6,816,792
12,545	Sq ft	115		1,442,707
1 1 7 7	Dwell	10.000	E 62E 000	5,635,000
		-		2,817,500
			2,817,300	
1,127	Dweii.	-	-	-
	11,008 12,702 70,724 59,276	11,008 Sq ft 12,702 Sq ft 70,724 Sq ft 59,276 Sq ft 12,545 Sq ft 1,127 Dwell. 2,254 Dwell.	f 11,008 Sq ft 115 12,702 Sq ft 115 70,724 Sq ft 115 59,276 Sq ft 115 12,545 Sq ft 115 12,545 Sq ft 115 1,127 Dwell. 10,000 2,254 Dwell. 2,500	Quant         Unit         Rate         2132 Homes           £         £         £           11,008         Sq ft         115           12,702         Sq ft         115           70,724         Sq ft         115           59,276         Sq ft         115           12,545         Sq ft         115           12,545         Sq ft         115           12,545         Dwell.         10,000         5,635,000           2,254         Dwell.         2,500         2,817,500



Job No. : 34333 Client : Wrenbridge						11-Dec-20 4Q 2020
COMMERCIAL	Quant	Unit	Rate	Phase 1 2132 Homes	Phase 2 2376 Homes	
			£	£	£	
Commercial						
7.25 hectares employment land	17.91	acre		EXCLUDED		

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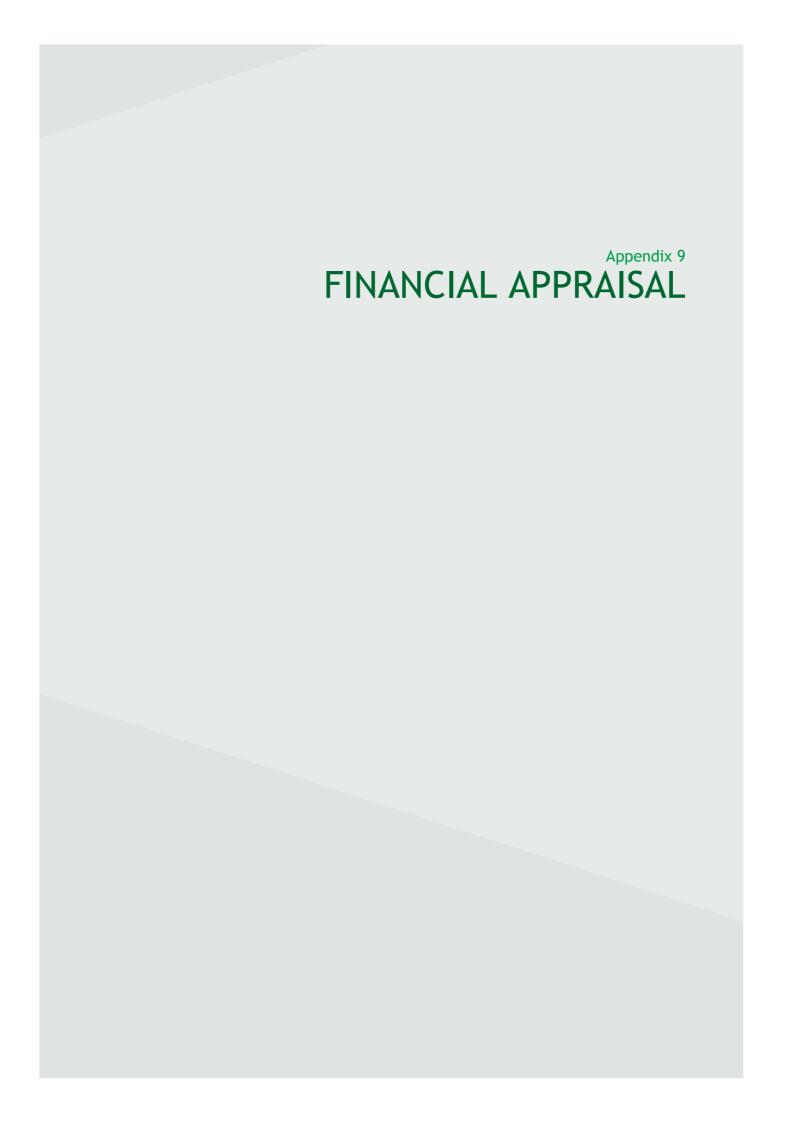


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## LEE FARM, COLWORTH INDICATIVE MASTERPLAN COSTS

Job No. : 34333 Client : Wrenbridge			11-Dec-20 4Q 2020
SOCIAL INFRASTRUCTURE	Phase 1	Phase 2	

SOCIAL INFRASTRUCTURE				Phase 1	Phase 2	
	Quant	Unit	Rate	2132 Homes	2376 Homes	
			£	£	£	
Phase 1						
Allowance for Community facility	500	m2	3,160	1,580,000		
Allowance for Primary Healthcare Facility	-	m2		Excl.		
Sports Pitches	6	На	-	-		
Pavilion / Changing Rooms	500	m2	-	-		
Phase 2						
Allowance for Community Facility	150	m2	3,950		592,500	
Allowance for Community Facility	150	m2	3,950		592,500	
Sports Pitches	7	На	265,000		1,855,000	
Pavilion / Changing Rooms	500	m2	2,115		1,057,500	



Area Testing Proposed Scheme - 4,508 Units 30% Affordable Housing G&T Housebuilding Costs

Colworth Park Sharnbrook Bedford MK44

> Development Appraisal Rapleys 11 December 2020

#### Area Testing

Proposed Scheme - 4,508 Units 30% Affordable Housing

#### Appraisal Summary for Phase 1

#### Currency in £

DEVENUE					
REVENUE Sales Valuation	Units	ft2	Sales Rate ft <sup>2</sup>	Unit Price	Gross Sales
Phase 1 - Private	1,492	1,675,647	345.00	387,465	578,098,215
Phase 1 - Affordable Rent	499	560,319	200.00	224,577	112,063,800
Phase 1 - Shared Ownership	141	158,270	245.00	275,008	38,776,150
Phase 2 - Private	1,663	1,867,418	345.00	387,408	644,259,210
Phase 2 - Affordable Rent	556	624,446	200.00	224,621	124,889,200
Phase 2 - Shared Ownership	157	176,384	245.00	275,249	43,214,080
Employment Areas	1	, O	0.00	10,471,500	10,471,500
Mixed Use Local Centres	1	0	0.00	4,750,000	4,750,000
Primary Healthcare Facility	1	0	0.00	61,777	61,777
Self Build Plots	<u>45</u>	<u>0</u>	0.00	50,000	2,250,000
Totals	4,556	5,062,484			1,558,833,932
NET REALISATION				1,558,833,932	
OUTLAY					
ACQUISITION COSTS					
Residualised Price					
Stamp Duty			1,998,987		
Effective Stamp Duty Rate		4.97%	404.007		
Agent Fee		1.00%	401,897		
Legal Fee		0.50%	200,949	2 604 022	
				2,601,833	
CONSTRUCTION COSTS					
Construction	ft²	Build Rate ft <sup>2</sup>	Cost		
Phase 1 - Private	1,689,160	128.80	217,563,844		
Phase 1 - Affordable Rent	564,838	128.80	72,751,096		
Phase 1 - Shared Ownership	159,546	128.80	20,549,573		
Phase 2 - Private	1,882,478	128.80	242,463,144		
Phase 2 - Affordable Rent	629,482	128.80	81,077,263		
Phase 2 - Shared Ownership Totals	<u>177,806</u>	128.80	<u>22,901,471</u>		
Enabling Contingency	5,103,310 ft <sup>2</sup>	7.50%	657,306,390 14,625,000		
Developer Contingercy		3.00%	19,719,192		
Infrastructure Costs		5.0070	195,000,000		
S106 Contribution & CIL Payment	4 508 un	17,500.00 /un	78,890,000		
	.,	,	,,	965,540,582	
PROFESSIONAL FEES					
Enabling Professional Fees		10.00%	19,500,000		
Developer Professional Fees		7.50%	49,297,979		
			,201,010	68,797,979	
DISPOSAL FEES					
Sales Agent Fee - Private		1.50%	18,335,361		
Sales Agent Fee - AH		0.50%	1,594,716		
Sales Agent Fee - Commercial	0.455	1.00%	152,215		
Sales Legal Fee - Private	3,155 un	400.00 /un	1,262,000		
Sales Legal Fee - AH Sales Legal Fee - Commercial	1,353 un	200.00 /un 0.50%	270,600		
Sales Legal Fee - Commercial		0.50%	76,108	21,691,000	
FINANCE				_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Debit Rate 6.750%, Credit Rate 0.500%	6 (Nominal)				
Land			107,497,306		
Construction			95,086,815		
Other			(2,377,391)	000 000 700	
Total Finance Cost				200,206,730	
TOTAL COSTS				1,299,027,871	
PROFIT					
				259,806,061	

#### Area Testing

Proposed Scheme - 4,508 U	nits
30% Affordable Housing	

#### Performance Measures

Profit on Cost%	20.00%
Profit on GDV%	16.67%
Profit on NDV%	16.67%
IRR% (without Interest)	8.82%
Profit Erosion (finance rate 6.750)	2 yrs 9 mths