



Trafford Council/ Former B&Q Planning Inquiry

Financial Viability in Planning Rebuttal –
Appendices

Mr M Lloyd

December 2021



Inspiring Built
Environments

Viability in Planning
Development Management
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Planning Consultancy

A. Appendix 1 – Steve Wright Cost Letter (A1 – A3)

B. Appendix 2 – Comparable evidence in real estate valuation, 1st Ed, (2019) RICS (B1 – B29)

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D. Appendix 4 – June 2020 GIA Sensitivity Analysis (D1 – D6)

A. Appendix 1

23rd December 2021

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Dear Murray,

Former B&Q, Trafford (ref: 100400/OUT/20) – Planning Inquiry: Edmund Shipway Proof of Evidence

This letter follows my letter of the 12th December pursuant to the cost plan prepared by Edmund Shipway (ES) in regard of the proposed scheme at the Former B&Q, Great Stone Road, Trafford. My previous letter concluded that without a detailed explanation for why ES changed their inhouse cost estimates between June 2020 (Rev D) and November 2021 (Rev G) it was difficult for me to come to form a substantiated opinion. I have now been issued with a proof of evidence that looks to support ES's most recent assessment of cost (Rev G) and been requested to give my opinion based on this new information.

It should be commented that a number of the issues identified within my letter of the 12th December remain. The ES proof of evidence provides the Rev G cost plan but limited further information upon which an opinion can be formed. It should be noted that ES have not referenced or provided Rev B, C or D of the cost plans where there were substantial changes in overall cost attributed to "inhouse construction management delivery".

ES have not provided comment on the reasons for the significant divergence in cost between the original cost estimate (Rev A), the June 2020 cost estimate (Rev D) or the cost estimate to support the viability case for the purpose of this appeal (Rev G). Without a detailed explanation of why ES have amended their inhouse cost estimates, it is difficult for me to form an opinion. Given the lack of explanation, an approach that could be followed for a high-level assessment of costs, is to utilise the BCIS element cost per sq m of GIA.

ES in their proof of evidence state that their estimate of total costs (£1,787 per sq m) for the proposed scheme (Rev G, November 2021) lies between the BCIS mean (£1,891 per sq m) and median (£1,775 per sq m) rates for 6+ storey at Q4 2021 for apartments rebased to Trafford (default 15-year position). It is common practice to benchmark costs against BCIS average prices, especially at early design stages. ES's approach to benchmarking

does not compare like for like. The proposed scheme at the Former B&Q includes basement parking and commercial elements, the BCIS average price index for 6 + storey apartments will not generally include these elements. The car parking and commercial elements will have a lower base build rate with cost limited to basic or shell finish.

As the basement parking and commercial elements comprise a substantial proportion of the proposed scheme, it is considered that when comparing with the BCIS average prices these should be accounted for. The table below outlines a 'blended' cost per sq m assessment based on BCIS median rates being applied to each element of the proposed scheme:

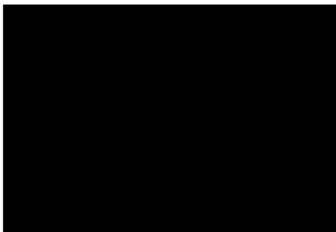
Use	GIA (m2)	BCIS Rate (Q4 2021 (per m2))	Total Cost (£)	BCIS Rate (Q4 2021 (per m2))	Total Cost (£)
		15 Year Position		5 Year Position	
Commercial (shop rate)	324	1,207.00	391,068	1,207.00	391,068
Residential Amenity (shop rate)	133	1,207.00	160,531	1,207.00	160,531
Basement Car Parking (incl. Circulation)	3,890	922.00	3,586,580	922.00	3,586,580
Apartments (incl. circulation, plant etc.) (15-year position)	25,282	1,723.00	43,560,886	1,608.00	40,653,456
Total	29,629	1,609.88	47,699,065	1,511.75	44,791,635

When adopting a blended approach, the costs adopted by ES in the Rev G cost estimate are higher than the BCIS average price for apartments 6+ stories rebased to Trafford at November 2021. Both of the rates using a blended approach whether taking the 15 year or 5-year position are substantially below the average cost adopted by ES in their Rev G cost plan of £1,787 per sq m. For example, when assessing the 15-year position this equates to overall reduction in cost of £5,247,598.

In the sensitivity analysis undertaken as part of the Continuum proof of evidence. Mr Lloyd used the BCIS rate per sq m GIA element cost, this is considered appropriate high-level assessment. When using this approach, the total cost equates to £8,155,388 lower than that in the ES Rev G cost estimate (November 2021).

The proof of evidence has not provided further information as to the reasoning for the substantial cost change between the two cost plans to be relied upon to date (Rev D and Rev G). Without an explanation as to the reasoning for the use of the ES in house estimates, I would recommend that the BCIS provides an appropriate tool for this high-level assessment of costs.

Yours sincerely,



Steve Wright



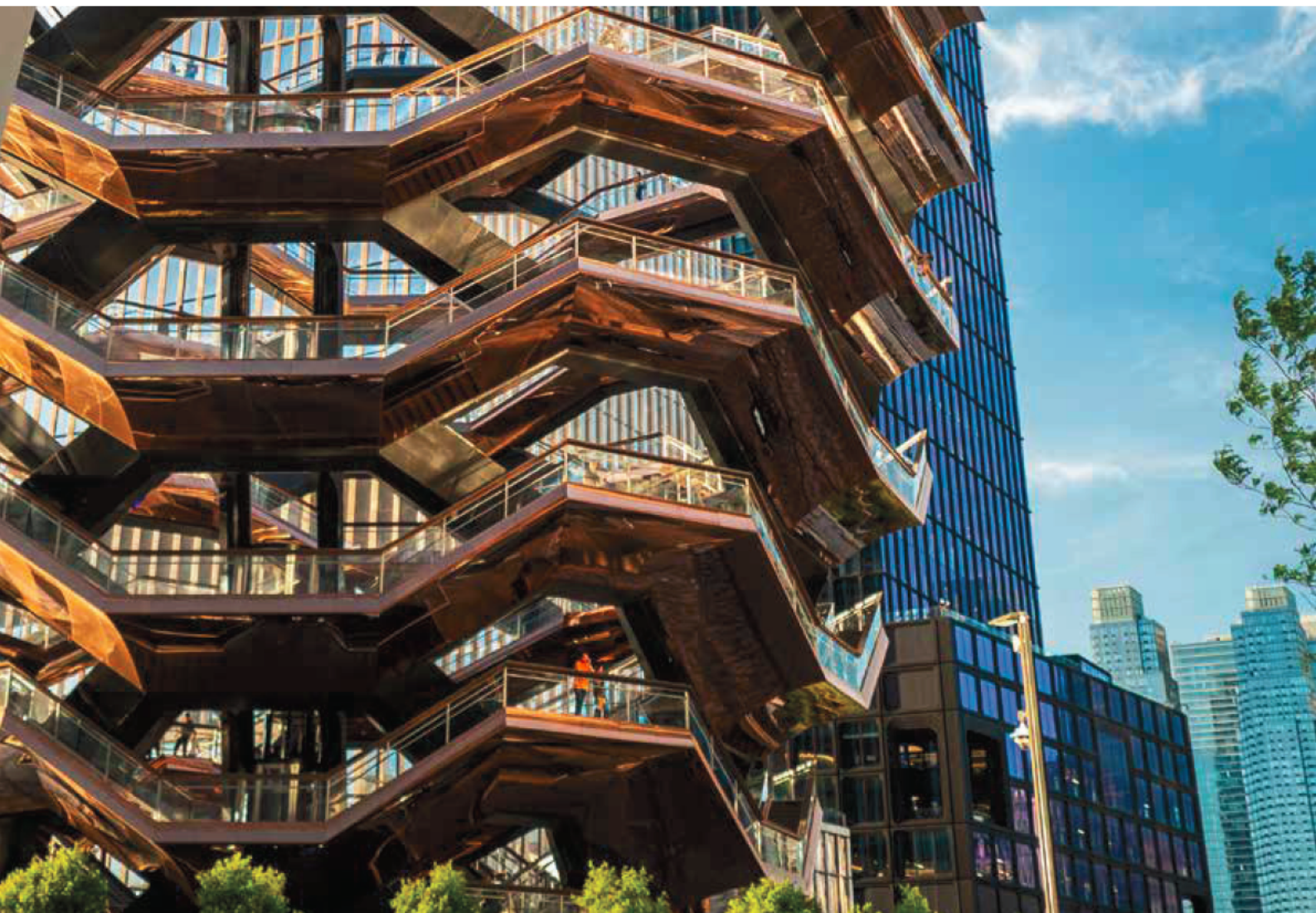
B. Appendix 2



RICS professional standards and guidance, global

Comparable evidence in real estate valuation

1st edition, October 2019



Comparable evidence in real estate valuation

RICS guidance note, global

1st edition, October 2019



Published by the Royal Institution of Chartered Surveyors (RICS)

Parliament Square

London

SW1P 3AD

www.rics.org

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Produced by the RICS Valuation Professional Group

ISBN 978 1 78321 373 3

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Acknowledgments

RICS would like to express its thanks to the following for their contributions to this guidance note.

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RICS professional standards and guidance

RICS guidance notes

Definition and scope

RICS guidance notes set out good practice for RICS members and for firms that are regulated by RICS. An RICS guidance note is a professional or personal standard for the purposes of *RICS Rules of Conduct*.

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Document status defined

The following table shows the categories of RICS professional content and their definitions.

Publications status

Type of document	Definition
<i>RICS Rules of Conduct for Members and RICS Rules of Conduct for Firms</i>	These Rules set out the standards of professional conduct and practice expected of members and firms registered for regulation by RICS.
International standard	High-level standard developed in collaboration with other relevant bodies.
RICS professional statement (PS)	Mandatory requirements for RICS members and RICS regulated firms.
RICS guidance note (GN)	A document that provides users with recommendations or an approach for accepted good practice as followed by competent and conscientious practitioners.
RICS code of practice (CoP)	A document developed in collaboration with other professional bodies and stakeholders that will have the status of a professional statement or guidance note.
RICS jurisdiction guide (JG)	This provides relevant local market information associated with an RICS international standard or RICS professional statement. This will include local legislation, associations and professional bodies as well as any other useful information that will help a user understand the local requirements connected with the standard or statement. This is not guidance or best practice material, but rather information to support adoption and implementation of the standard or statement locally.

1 Introduction

1.1 Purpose

Comparable evidence is at the heart of virtually all real estate valuations. The process of identifying, analysing and applying comparable evidence to the real estate to be valued is, therefore, fundamental to producing a sound valuation that can stand scrutiny from the client, the market and, where necessary, the courts.

Although many valuers are experienced in handling and analysing comparable data, approaches vary. In developing markets, comparable evidence is often more difficult to obtain, and valuers may be less familiar with its use. The valuation process is also becoming increasingly regulated worldwide. RICS members are required to maintain suitable records of inspections, investigations and key valuation inputs, including the evidence used to support a reported valuation and are subject to monitoring to ensure standards are maintained. Many clients also request supporting evidence.

1.2 Scope

This guidance note discusses the use of comparable evidence in the valuation process. It has four main purposes:

- to outline the principles of the use of comparable evidence
- to encourage consistency in the use of comparable evidence globally
- to address issues of availability and use of comparable evidence, especially in challenging market conditions, and
- to consider potential sources of comparable evidence and their relative importance.

The use of comparable evidence in the valuation of the principal types of real estate asset is examined. This guidance note does not discuss comparable evidence in the valuation of plant and equipment and other business assets, or personal property, but many of the principles described are also relevant to the valuation of these asset types.

It is important to emphasise that this guidance note is not prescriptive – the content covers a broad area of practice and applies to a wide variety of market conditions and circumstances. Valuers should use the content to guide their approach to the use of comparable evidence, while making allowance for the particular circumstances of the real estate being valued and the market in which it is located. Reference should also be made to *RICS Valuation – Global Standards 2017* (Red Book Global Standards), especially VPS 2 (Inspections, investigations and records) and VPS 3 (Valuation reports).

Real estate markets are imperfect and are generally characterised by a lack of comprehensive information. Therefore, while the theory of real estate valuation and the use of comparable evidence can be explained, there is no substitute for the valuer's detailed, in-depth market knowledge and valuation experience. The competence requirements for RICS members can be found in more detail in Red Book Global Standards PS 2 (Ethics, competency, objectivity and disclosures).

2 General principles of comparable evidence

A comparable can be defined as an item of information used during the valuation process as evidence to support the valuation of another, similar item. Comparable evidence comprises a range of relevant data used by the valuer to support a valuation.

Valuation of any asset relies on the well-established economic principle of substitution. This states that the buyer of an item would not pay more for it than the cost of acquiring a satisfactory substitute. Therefore, a person assessing the price to pay for a particular item will normally look to the price achieved for similar items in the market (the comparable evidence) and make a bid accordingly.

Ideally, comparable evidence should be:

- comprehensive – there should be several comparables rather than a single transaction or event
- very similar or, if possible, identical to the item being valued
- recent, i.e. representative of the market on the date of valuation
- the result of an arm's-length transaction in the market
- verifiable
- consistent with local market practice and
- the result of underlying demand, i.e. comparable transactions have taken place with enough potential bidders to create an active market.

Comparable evidence underpins the valuation of almost all traded assets. Provided the above criteria are met, it should provide an accurate indication of value.

Challenges arise, however, when considering assets that trade in less active markets and/or where there are significant differences between the assets providing the evidence and the asset being valued. In such circumstances the evidence available may not be directly comparable. It will therefore need to be analysed and reconciled in order for it to be used in the valuation. This is often the case for real estate. In such circumstances the skill and judgement of the valuer assumes a much greater importance.

3 Comparable evidence in real estate valuation

3.1 Principles

Comparable evidence is widely used in real estate valuation, even though comparables may not always meet the criteria set out in section 2. There are several reasons for this.

- **A limited number of available comparable transactions:** real estate transactions are relatively infrequent compared with those for many other assets such as, for example, listed shares.
- **A lack of up-to-date evidence:** relatively infrequent transactions may mean that evidence is sometimes out-of-date.
- **Special purchasers:** some purchasers may be willing to pay more than the market value for a real estate asset because they have an over-riding motivation, for example ownership of an adjoining plot of land. In these circumstances the price achieved may not provide evidence of the asset's current market value.
- **A lack of similar or identical evidence:** the complex nature of real estate means that its value is derived from numerous factors, ranging from location to use, size, construction and efficiency of buildings, tenure and tenancy. It is therefore very unlikely that a comparable will be identical to the real estate being valued.
- **Real estate markets are not fully transparent:** information on transactions is often not publicly available, and even when it is available it may be out-of-date, lacking in detail or inaccurate. This situation is encountered worldwide, but transactional evidence is particularly difficult to obtain in developing markets.

For all these reasons, comparable evidence will probably never perfectly match the real estate asset subject to valuation. The valuer will, therefore, need to analyse and interpret the available evidence and use it as guidance rather than as direct evidence of value. In some circumstances this can result in a significant degree of uncertainty in the reported valuation figure (see Section 7).

Red Book Global Standards requires material uncertainty to be reported in VPS 2 (Inspections, investigations and records). Guidance on how to report an uncertain figure is given in VPGA 10 (Matters that may give rise to material valuation uncertainty).

3.2 Approaches to real estate valuation

Three commonly used approaches to real estate valuation are recognised in Red Book Global Standards in VPS 5 (Valuation approaches and methods). Each approach includes the use of comparable evidence to a greater or lesser extent.

3.2.1 Market approach

This approach adopts the principle that the value of one property may be derived by comparing it directly with market transactions for similar properties. It is widely used in

the valuation of residential, rural and commercial real estate and is sometimes used for the valuation of land and other real estate assets.

3.2.2 Income approach

The income approach is used to value real estate that produces an income for the investor. There are two methods that fall within the income approach: the investment (or income capitalisation) method and the profits method.

In the conventional investment method, the value is derived from the net rental income and a capitalisation factor based on the expected annual rate of return. These are both normally established using comparable evidence. An alternative investment method involves the use of a discounted cash flow (DCF) technique. The key inputs in a DCF valuation, including rent, rental growth rate, discount rate, costs and disposal price at the end of the investment period, will be derived from comparable evidence.

The profits method (sometimes described as a business enterprise or intangible analysis) is used for when value is derived from the trading potential of the business for which the property is designed; examples include golf courses, purpose-built student housing or cinemas. Comparison is used in assessing a fair and maintainable level of trade – see VPGA 4 (Valuation of individual trade related properties) in Red Book Global Standards.

3.2.3 Cost approach

The cost approach, also known as the depreciated replacement cost approach, is used to value real estate that does not usually sell on the open market (for example, public buildings), and for which comparable evidence does not exist. In some jurisdictions the cost approach is used for proposed or recently built properties. This approach is based on two components: the depreciated cost of the building element and the value of the land. Figures for both these components will be obtained from comparable evidence.

3.3 Comparable evidence in specific circumstances

3.3.1 Statutory valuation

Statutory valuations are usually required for the purposes of taxation or in cases of compulsory purchase (eminent domain acquisition), and therefore they must be undertaken in accordance with the relevant statutes. This means that the approach to the valuation, and its result, can differ from a conventional market valuation. An example would be a valuation for a taxing jurisdiction that requires the valuer to follow a specific approach or defined methodology. Although the valuer will be required to abide by the constraints of the statute, the principles of comparable evidence will still apply and the valuer will need to search for and analyse evidence in the usual way.

3.3.2 Retrospective and projected valuations

Valuers may sometimes be asked to provide an opinion of value on a specified date in the past when market conditions will probably have been significantly different from those at the date of instruction. This situation can arise, for example, in valuations for taxation purposes or those used as evidence in a court case.

If the valuation is an audit of another valuer's work, the valuer will need to work with the evidence used in the valuation subject to the audit. In other cases, the valuer should consider the following.

- Comparable evidence should only be used if it would have been available to a valuer on the date of valuation.
- Viewed with the benefit of hindsight, comparable evidence can be much clearer than it would have appeared to a valuer at the date of valuation. The valuer valuing retrospectively needs to place themselves in the position of someone reviewing the available evidence on the valuation date, and then make a judgement on the extent and nature of the evidence that could reasonably be expected to have been available at the time.

A projected valuation for a future date may sometimes be required. Projected valuations are referred to in Red Book Global Standards VPS 4 (Bases of value, assumptions and special assumptions, section 11). Current comparable evidence will not be available, and the valuer should ensure all assumptions made are realistic, credible and clearly described in the report.

3.4 Comparable evidence in real estate sectors

Comparable evidence will vary dependent on the type of real estate being valued. The key comparative factors applicable to almost all real estate sectors are summarised in Appendix A. A summary of some of the principal factors that can specifically affect value in the main real estate sectors is set out below, with further detail provided in Appendix B.

- **Rural:** the value of agricultural land will be strongly influenced by its ability to produce income. Its quality in terms of soil fertility, accessibility and ease of cultivation will therefore be important. Development potential can also affect values.
- **Residential:** location is vital in terms of residential value: the property's position in the country and factors such as aspect, outlook and the immediate environment are important. Physical condition of the structure and services, facilities provided and energy efficiency will also affect value.
- **Retail:** retail locations are usually divided into prime, secondary and tertiary pitches so the precise location of a unit will be a key factor. In the case of shopping centres/malls, these are complex properties whose requirements vary from one country to another. Important factors usually include size, location, accessibility, parking ratio, tenant quality and mix and building quality.
- **Offices:** location, building quality, layout, facilities, service costs, building efficiency and sustainability credentials are among the significant factors. With advances in technology and the aging of costly building plant, obsolescence of older premises is an important consideration.

- **Industrial, warehouse and distribution:** accessibility to transport links has a major impact on value, as do aspects of the building design, size, age and condition.
- **Real estate with development potential:** the value of a development site is particularly sensitive to small changes in valuation inputs such as the amount and density of the permitted development, the assumed value of the completed development, ground conditions, development costs and allowance for risk. Straightforward comparison on a price per unit area of the site is therefore often not valid. Comparison on a price per buildable area basis may be possible but a more detailed analysis is often required, usually involving residual valuation or cash-flow techniques. These need a wide range of data inputs, including the estimated value on the special assumption that the development is completed as at the date of valuation (i.e. values are not projected forward to the date of completion), construction costs (again at the date of valuation), finance costs, fees and an allowance for profit.

If the real estate asset is let as an investment, lease terms such as length of the unexpired term, lease break options, the financial strength of the tenant and rent review provisions will all have an impact on value. Tenure is another important factor: for example, unusual restrictions to the freehold title will have an adverse impact while, in the case of leasehold interests, the terms of the lease and any extension provisions can significantly affect value.

The common theme across all real estate sectors is that comparable evidence will almost always require analysis and adjustment to allow for differences between the asset being valued and the comparable evidence.

4 Sources of comparable evidence

Sourcing good comparable evidence in real estate markets is often not easy. Where details of directly comparable transactions are not available, the valuer should refer to other sources of information. This requires both careful interpretation and professional judgement.

It is important to be aware of the strengths and limitations of the different types of evidence available. This section summarises the main sources of comparable evidence and examines the relative importance of each.

4.1 Market evidence

Information derived from comparable market transactions will normally provide the best evidence of value. Such evidence should be recent, relevant and comprehensive. It may come from a variety of sources.

4.1.1 Direct transactional evidence

Transactions in the open market close to the date of valuation will almost invariably provide the best and most reliable source of evidence. However, even in the most transparent markets, full details of sales and lettings are rarely publicly available. Real estate transactions are often complex, and the headline data alone rarely provide sufficient evidence, so it is vital to gain as much information as possible from each comparable transaction in order that it may be effectively applied to the asset being valued. The accuracy of published data should therefore be confirmed where possible and full details of reported transactions should be established.

Valuers should ensure that full details of any incentives (such as rent-free periods, capital payments by either party or lease breaks) forming part of a comparable transaction are incorporated into the analysis of the evidence. Incentives are commonly offered in the case, for example, of new house sales or in retail or office lettings.

A sale or letting in the property being valued can provide some of the best evidence available for a valuation provided it is a recent transaction that fits the Red Book Global Standards glossary definition of market value.

4.1.2 Publicly available information

Publicly available data comprises information on real estate transactions that has been published by a government or other recognised authoritative source, either in the press or via open online sources such as real estate agents' websites. Although this information can be useful, further investigation and analysis will almost certainly be required before the data can be reliably used as comparable evidence.

For example, while published data on a sale may include details of the tenure, contract sum and the size of the unit, it may not refer to other factors of the transaction that have an impact on the reported figure. These factors may include the condition of the building, its specification, letting or sale incentives, the existence of a special purchaser or circumstances resulting in a forced sale.

Also, publicly available information is often published several months after the transaction was agreed, which, in a fast-moving market, can compromise its relevance as comparable evidence.

4.1.3 Published databases

Published databases are available either free of charge or subject to the payment of a fee or subscription. They are usually produced by the larger firms of real estate advisors or research organisations. They can provide a general background to values and market trends. They are not a primary source of information but they can provide guidance to support an opinion of value, which should preferably be based on direct comparable evidence, backed by the valuer's personal knowledge, expertise and experience.

It is important to note that the level of aggregation in databases may mask local variations and will not take into account the particular characteristics of the real estate being valued. Valuers should further be aware that the time taken to analyse raw data and produce databases can mean they are out of date by the time they are published.

4.1.4 Asking prices

Asking prices do not provide reliable evidence of value and should be treated with caution because they often differ substantially from the agreed final transaction price. In some markets, however, asking prices may be the only evidence available and if interpreted carefully by an experienced valuer, asking prices can provide some guidance on current market conditions and trends in value.

Asking prices can be useful when combined with information on the level of demand and offers received, though the valuer is required to verify that the properties are being effectively marketed. To obtain full information on asking prices the valuer will normally need to have reliable contacts with letting or selling agents.

4.1.5 Historic evidence

Comparable evidence will, naturally, arise from transactions that occur before the valuation date so all evidence will, to an extent, be 'historic'. The time it takes to become out-of-date will depend on market conditions but historic, out-of-date evidence can sometimes still be useful if combined with knowledge of market trends between the date of the comparable transaction and the valuation date.

A valuer specialising in a particular area may be asked to value the same property on more than one occasion, for example, when a house is sold several times over a number of years. While not producing direct evidence, knowledge of a previous sale and the market at that time can provide background information to support a judgement on a valuation at a later date, assuming the asset itself has not changed significantly.

4.2 Indices

Real estate market indices, derived from aggregated information about market values or transactions, exist in most mature real estate markets worldwide. They can be a source of useful information, provided the valuer takes due account of the sources and reliability of the data and the level of aggregation.

For commercial investment real estate, the longest-established and best-known indices are provided by MSCI (formerly the Investment Property Databank (IPD)) which produces indices covering capital and rental value movements, yields and investment returns. These may be disaggregated by, for example, region, town, sector and investor category. MSCI indices cover many of the principal commercial investment markets but coverage of secondary real estate markets can be less comprehensive.

Many of the larger firms of real estate advisers also produce indices for the main markets worldwide and across most sectors. These can show trends in market and sector performance, although such indices are often limited to prime real estate. The performance of secondary real estate, or that in provincial locations, may differ significantly.

Indices of building cost data are also available and can be useful in residual valuations or in the cost approach to valuation. However, the time taken to analyse raw data and produce these indices can mean they are often out of date by the time they are published.

Indices can be a guide to general trends in the market, usually at a national, regional or city level. They can be a useful reference point when forming a judgement, providing the valuer has a clear understanding of the sources and reliability of the data from which the index has been derived. It should be remembered, however, that indices represent aggregate trends in their subject area and the value of individual properties may differ significantly from the general trends.

4.3 Automated valuation models

The providers of automated valuation models (AVMs) may offer access to their data in certain circumstances. Some of this data may be detailed and more rapidly available than that from other databases though care in verifying it will still be required and the same caveats apply. Aggregated data may be used to show trends, but it cannot account for the characteristics of an individual property and the effects these may have on its value.

Data from an AVM may be used as part of the evidence in support of a valuation, and the valuer should decide on the weight to give AVM outputs when assessing the total body of comparable evidence available.

4.4 Verification of evidence

As has already been emphasised, real estate markets worldwide lack transparency and data on comparable transactions, from any source, should not be taken at face value. It is essential that comparable evidence, and especially those comparables that contribute most significantly to the opinion of value, are examined carefully for accuracy and to ensure that all relevant details behind the transaction concerned are fully taken into

account. Comparables that appear to be inconsistent with other evidence will require particular scrutiny.

For example, it is unlikely to be sufficient simply to accept a headline rate per square foot or square metre when looking at a comparable to establish rental value. Important details of the transaction, such as the quality of the building, the lease terms, the rent-free period or other incentives offered to the tenant are likely to have had a significant effect on the reported headline figure. The valuer should therefore verify this information with the appropriate parties and make adjustments, if necessary, in applying the evidence to the property being valued.

In some world markets, where detailed information may not be known or may not be available, verification of evidence may be challenging. Nevertheless, it is important that every effort is made to do so in the interests of obtaining as accurate a valuation as possible and that a record is kept of the research undertaken.

4.5 Data protection and confidentiality

This section has emphasised the importance of obtaining as much data as possible on comparable real estate transactions so that it can be accurately applied to the subject of the valuation. In many cases this evidence will be provided by third parties such as the owners, tenants or occupiers of similar real estate, or their agents.

Questions of commercial confidentiality or statutory data protection may arise, which might mean that sources and figures cannot be confirmed, but this should not invalidate the use of the data in arriving at an opinion of value, provided confidentiality issues can be respected. Valuers need to be aware of any local data protection or confidentiality legislation that may apply in their jurisdiction and act accordingly. For example, it may be necessary to obtain permission to use data on comparable transactions, especially if this is going to be published in a report or used in judicial proceedings.

4.6 Hierarchy of evidence

There is a wide range of sources for comparable evidence available to the valuer, although some will be more relevant than others. Sale or leasing transactions that have taken place for similar real estate to that being valued will provide the best evidence, while databases and indices will offer more general guidance. Rent review and lease renewal agreements reached via negotiation or settled by an expert can also provide good comparable evidence for market rental levels if the data is fully validated and appropriately analysed.

In some countries, valuation cases that have been subject to litigation have resulted in the courts adopting a hierarchical approach to the evidence being presented. Where this has occurred, valuers need to be aware of relevant court decisions and precedents. In general, however, a precise hierarchy of evidence is difficult to define as different sources assume a greater or lesser importance depending on market conditions, the purpose of the valuation and the exact type and nature of the asset being valued.

Certain types of evidence usually take precedence over others and the list below provides an indication of relative importance. It is not prescriptive and will vary according to market conditions and local practice. The valuer should use professional judgement to assess the relative importance of evidence on a case-by-case basis.

4.6.1 Category A – direct comparables

This category relates to all types of relevant transactional comparable evidence including:

- contemporary, completed transactions of near-identical properties for which full and accurate information is available; this may include data from the subject property itself
- contemporary, completed transactions of other, similar real estate assets for which full and accurate information is available
- contemporary, completed transactions of similar real estate for which full data may not be available, but for which enough reliable data can be obtained to use as evidence
- similar real estate being marketed where offers may have been made but a binding contract has not been completed and
- asking prices (see 4.1.4 above).

4.5.2 Category B – general market data

This category relates to data that can provide guidance rather than a direct indication of value including:

- information from published sources or commercial databases; its relative importance will depend on relevance, authority and verifiability
- other indirect evidence (e.g. indices)
- historic evidence and
- demand/supply data for rent, owner-occupation or investment.

4.5.3 Category C – other sources

There is also a wide range of data that might provide broad indications of value including:

- transactional evidence from other real estate types and locations, and
- other background data (e.g. interest rates, stock market movements and returns which can give an indication for real estate yields).

5 Recording comparable evidence

Evidence used to arrive at an opinion of value should be recorded clearly and kept on file. It needs to be presented in a form that can be used by both the valuer and others who may need to review the file and understand the approach adopted in the valuation at a later date.

Red Book Global Standards states that ‘a proper record must be kept of inspections and investigations, and of other key inputs, in an appropriate business format’ (VPS 2 Inspections, investigations and records, section 3). The exact form in which this information is held is a matter for the valuer and the valuer’s organisation. It is important that evidence of transactions, sales particulars, correspondence and discussions is recorded clearly and permanently. It may be appropriate to download or print web-based material if it is not likely to be permanently maintained online.

Information should be summarised in a format that is easily comprehensible and aids analysis. A tabular or spreadsheet layout is often appropriate for this type of process, but other formats are possible. Comparable evidence can, for example, be entered and ranked in terms of relevance and importance, allowing efficient and clear analysis of what is often a large and complex body of data.

The following list provides a summary of likely generic headings for comparable transactions of real estate, though these will vary depending on the context of the valuation and should be adapted to take account of the particular circumstances.

- 1 Address.
- 2 Real estate type, e.g. office, shop, industrial, residential, agricultural.
- 3 Exact nature of the asset being valued or compared, e.g. a freehold or leasehold interest.
- 4 Location details.
- 5 Legal, e.g. lease terms and conditions.
- 6 Brief description, specification, condition and any other relevant attributes (e.g. energy efficiency, which may be a material issue in some sectors or markets).
- 7 Accommodation/area – including method of measurement.
- 8 Type of transaction, e.g. sale, letting.
- 9 Date of transaction.
- 10 Financial information, e.g. rent or sale price and details of any incentives.
- 11 Analysis per unit area (where appropriate).
- 12 Parties involved, e.g. owner, tenant, agents.
- 13 Source of information, e.g. name, organisation, contact details.
- 14 Any comments on the reliability of data employed.
- 15 Date of confirmation of information.

In addition to recording the basic information relating to each comparable, a record should be kept of the valuer's reasons for applying the comparable evidence to the real estate asset being valued. This will require a ranking of evidence to demonstrate the relative contribution that each piece of evidence has made to the reported valuation figure.

6 Analysis of comparable evidence

The data assembled by the valuer to support an opinion of value will not necessarily be a perfect match with the property that is the subject of the valuation. It will therefore need to be carefully scrutinised, assessed and analysed before it can be used effectively. This process converts raw data into useable comparable evidence.

Typically, there are two stages of analysis: establishing a common measurement or other comparison standard; and analysis of the comparable data to provide meaningful comparable evidence.

6.1 Establishing a common measurement or other comparison standard

A common measurement standard is required to enable properties being used as evidence to be compared on a pro-rata basis.

It is essential that the valuer applies the same method of measurement to the real estate being valued and the comparable evidence. The International Valuation Standards Council (IVSC) and RICS are promoting the use of the International Property Measurement Standards (IPMS) worldwide and wherever appropriate, RICS members are required to use the appropriate standard for the type of real estate subject to valuation.

Not all countries have adopted IPMS so where relevant, the valuer should choose the most appropriate standard for the country the real estate is located. RICS members are required to justify the standard used if IPMS are not applied and to document the reason for departure.

6.2 Making adjustments

It is relatively rare to find comparable evidence that exactly matches the property being valued, so adjustments will be required to allow for differences in the various factors that may affect value. These include location, building specification, condition and size, tenure and lease terms, timing of the transaction, letting or sale incentives, energy efficiency and adaptability.

Some adjustments may be assessed quantitatively. For example, when assessing rental value, if the tenant is responsible for the costs of insurance under the terms of the lease while in a comparable property the landlord bears these costs, an adjustment should be incorporated into the analysis to take account of the cost difference.

Another frequently encountered situation is where two similar properties are in different states of repair. In this situation, an adjustment could be made to allow for the cost of renovating the property in the poorer condition up to the standard of the better building. However, care is needed in this approach because in practice, a purchaser might not just make an allowance for the estimated cost of works, but could, for example, make a further adjustment to reflect uncertainties over the costs and the time taken to renovate. The valuer should therefore consider how a purchaser in the market would respond to

differences between the asset being valued and the comparable evidence – simple cost adjustment may not be sufficient.

Other adjustments may require the valuer to make a qualitative judgement based on experience and knowledge of the local market. For example, the effects of small but significant differences in location, aspect or outlook may have an influence on value but there is often no direct evidence to quantify the degree of adjustment required.

There are many other areas of comparable analysis that cannot be precisely assessed but which instead rely on the experience and professional judgement of the valuer. Examples include adjustment of rental evidence to take account of differences in lease lengths and, in the case of investment assets, yield adjustments to allow for differences in matters such as the quality of the building, lease terms, tenant covenant and location. Small changes in the yield can have a significant impact on value.

As well as analysing individual comparables, the valuer will need to take a broad view of the whole body of evidence in order to apply it effectively to the asset being valued. This may be a complex process, so presenting the evidence in a format that aids analysis will be essential not only to the valuer but also to anyone reviewing the valuation at a later date. Such reviews can occur as part of a quality assurance process, for due diligence or if the valuation is subject to legal proceedings, which can take place years after the valuation date.

A matrix format will often assist the valuer's judgement at this stage of the analysis, although the approach adopted will depend on the type of real estate and the available evidence. Any analysis should be effective and clear to all parties, both at the time of the valuation and in the future.

Whatever method of analysis employed, the valuer will ultimately have to stand back and weigh up a considerable range of evidence with differing degrees of quality and applicability, much of which cannot be precisely quantified. This will require not only technical ability but also, and more importantly, experience of the relevant market and judgement developed from that experience. The process should lead to a ranking of the comparable evidence and an assessment of where the asset being valued, fits into that ranking. The aim is to ensure confidence in the reported figure, which can then be fully justified to all relevant parties.

7 Dealing with a shortage of evidence

It is not uncommon for there to be a shortage of comparable evidence available to the valuer. A lack of evidence can arise for a variety of reasons.

- The market may be inactive, with few transactions occurring to provide evidence.
- By contrast, the market may be changing rapidly, leading to a situation where comparable evidence quickly becomes out of date.
- The property may be unusual in terms of its use, construction, location or other factors.
- The local market may lack transparency, with little available information on prices or transactions. This is more common in markets in the early stages of development.

It is important to emphasise that a lack of evidence should not prevent a valuation being undertaken but the skills, expertise and judgement of the valuer become more important in difficult market conditions.

The valuer has to look further afield and across a wider range of indicators when transactional evidence of directly comparable real estate is lacking. In such circumstances, it may be necessary to consider more indirect evidence: for example, local or national economic data that can indicate trends to give guidance towards, rather than direct evidence of, value.

Uncertainty generated by a lack of comparable evidence is a common feature of the real estate market. Most valuers recognise this, but many of their clients do not. Such uncertainty is inevitable, and the valuer should not be afraid to report it – indeed Red Book Global Standards states that ‘valuers should not treat ... a statement expressing less confidence in a valuation than usual as an admission of weakness ... it is ... a matter entirely proper for disclosure’. If a client understands that unusual market conditions result in an uncertain valuation it may enable them to make a better-informed business decision. It is for this reason that Red Book Global Standards requires the valuer to ‘comment on any material uncertainty in relation to the valuation where it is essential to ensure clarity on the part of the valuation user’ (VPS 3, Valuation reports, section 2.2(o)).

8 Relevant standards and guidance

RICS Valuation – Global Standards (Red Book Global Standards), RICS professional statement.

International Property Measurement Standards (IPMS), International Property Measurement Standards Coalition (IPMSC).

Valuation of rural property (3rd edition), RICS guidance note.

Valuation of development property (1st edition), RICS guidance note.

Appendix A: Key comparative elements applicable to most real estate types

Building age and condition	This will have a clear impact on value and will reflect the cost and time in bringing a building of poor condition up to an acceptable level.
Building specification and layout	Specification and layout will have an impact on the usability of a building and on the price that an occupier will be prepared to pay to rent or buy.
Efficiency and adaptability	Energy efficiency and the flexibility and adaptability of a building as technology and user requirements continue to evolve may, increasingly, have a material effect on value.
Legal	<p>A variety of different types of tenure is found in all countries. Unencumbered freehold tenure (or local equivalent) will normally have the highest value. Limitations on ownership or use, for example, in the form of restrictive covenants or leasehold tenure, will usually reduce value.</p> <p>For properties that are let, the terms of any lease will have a direct effect on the value of both the landlord's and tenant's interests. Important lease terms include rent payable, lease length, rent review clauses, repair obligations, insurance obligations, rights to assign or sub-let and permitted use.</p>
Limitations on use	These may occur in the form of restrictive covenants affecting the freehold title, user limitations in leases, restrictions on use and size imposed by local planning authorities. Restrictions on use are likely to have a negative impact on value.
Location	Location affects the value of almost all types of real estate. A new office building in New York City, for example, will have a higher value per unit size than a similar building in Albany, New York – despite the latter being the state capital. Location can also be crucial on a much smaller scale: in the retail market a difference in location of just a few metres can make a major difference to the value of a shop.
Size	Comparable properties should be of similar size. Different building sizes will appeal to different market sectors and small units are likely to command a higher rate per unit area than large buildings or blocks of land.

Transaction date

Most markets are subject to price fluctuations, which can sometimes be extremely rapid.

Comparable evidence should, therefore, be as up-to-date as possible.

Appendix B: Factors affecting value and comparability by sector

Sector	Key factors affecting comparability (other factors may be relevant in specific cases)
Rural	<p>Agricultural land: land use mix, soil type, capability, aspect, layout, accessibility, drainage, irrigation, proximity to markets, size, suitability and layout of buildings, eligibility for support payments, environmental or other statutory designations/schemes, tenure, planning opportunities, use of machinery, size, water distribution and availability, sporting rights, riparian ownerships, minerals, public development/compulsory purchase proposals. For information on the categorisation of rural real estate see <i>Valuation of rural property</i> (3rd edition), RICS guidance note.</p> <p>Farm buildings: age, construction type, layout, adaptability, access, compliance with farm quality assurance requirements, pollution hazards, electricity supply and other mains/private services, redevelopment/conversion opportunities.</p> <p>Farmhouse: ability to sell separately, access, size, demand for specialist housing type, other factors as for residential real estate generally.</p>
Residential	<p>Houses and apartments (sale): age, construction type, layout, adaptability, access, compliance with quality assurance requirements, pollution hazards, electricity supply and other mains/private services, redevelopment/conversion opportunities.</p> <p>Houses and apartments (rent): as above, plus lease terms.</p>

Sector	Key factors affecting comparability (other factors may be relevant in specific cases)
Commercial (offices)	<p>Owner-occupied: layout, flexibility, floor area [quantum], building services, specification (including air conditioning), service charge level, transport facilities, car parking, energy efficiency and environmental sustainability.</p> <p>Rental: as above, plus key lease terms, unexpired term, provision for rent increase, responsibility for repairs, maintenance and insurance, any restrictive covenants.</p> <p>Investment: yield [rent factors as above, plus tenant covenant strength].</p>
Commercial (town centre retail)	<p>Rental: site and precise location, shop frontage and display windows, shop layout, number of floors, adjacent complimentary uses, rental zoning method, floor level (if in multi-storey shopping centre/mall), loading facilities, pedestrian flow, parking, access to public transport, lease terms.</p> <p>Investment: location and layout, tenant covenant strength, lease terms and length. In shopping centres/malls the quality of centre management may also be relevant.</p>
Commercial (out of town retail)	<p>Rental: building layout, size, height, loading, access, car parking and access to public transport, other retail units adjacent, visibility and key lease terms: unexpired term, provision for rent increase, responsibility for repairs, maintenance and insurance, restrictive covenants, planning restrictions (especially regarding use).</p> <p>Investment: yield [rent factors as above, plus tenant covenant strength and lease terms].</p>
Industrial/ warehousing and distribution	<p>Rental: accessibility to major transport links, site access and loading facilities, building layout and eaves height, floor loading, layout offering clear space, power supply, office content, site coverage, environmental issues, potential for alternative use.</p> <p>Investment: yield [rent factors as above plus tenant covenant strength and lease terms].</p>

Sector	Key factors affecting comparability (other factors may be relevant in specific cases)
<p>Trade-related property (hotels, petrol filling stations, bars, etc.)</p>	<p>All types: rent or capital value derives from trading potential in the hands of a hypothetical reasonably efficient operator, so use of actual trading accounts and strength of the occupying business is not always relevant. The valuer seeks to stand in the shoes of a prospective competent new bidder, assessing the efficient but not exceptional operating plan for a business using the real estate in accordance with planning, licensing and (if relevant) lease user constraints. Use of comparison in trade-related properties requires specialised knowledge. See Red Book Global Standards VPGA 4 (Valuation of individual trade-related properties).</p>
<p>Property with development potential</p>	<p>All types: Permitted use and density; developable area; access; adjoining developments; ground conditions; market demand for completed development; building and other costs.</p> <p>Direct comparison between sites on a rate per unit area basis will only be possible if all these key factors align. If not, individual comparable elements will need to be incorporated into a residual or cash-flow valuation. See <i>Valuation of development property</i> (2019), RICS guidance note.</p>
<p>Assets having value as resources</p>	<p>Water and materials: volume and quality of resource, accessibility, regulatory environment.</p>



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C. Appendix 3

Former B&Q Site, Trafford
Trebbs Mirror App. - ES Jan 2020 Cost Plan and Scheme
CW Jul 20 Inputs - 100% M

Development Appraisal
Trebbs
23 December 2021

**Former B&Q Site, Trafford
Trebbi Mirror App. - ES Jan 2020 Cost Plan and Scheme
CW Jul 20 Inputs - 100% M**

Appraisal Summary for Phase 1

Currency in £

REVENUE

Sales Valuation	Units	ft ²	Sales Rate ft ²	Unit Price	Gross Sales
Residential	333	218,520	340.00	223,114	74,296,800
Car Parking	98	0	0.00	10,000	980,000
Commercial Retail	<u>1</u>	<u>1,496</u>	139.49	208,679	<u>208,679</u>
Totals	432	220,016			75,485,479

NET REALISATION **75,485,479**

OUTLAY

ACQUISITION COSTS

Residualised Price (Negative land)	(1,418,974)
	(1,418,974)

CONSTRUCTION COSTS

Construction

	ft ²	Build Rate ft ²	Cost
Residential	305,321	166.30	50,774,000
Contingency		5.00%	2,538,700
CIL			1,904
			2,540,604

PROFESSIONAL FEES

All Professional Fees	8.00%	4,061,920
		4,061,920

DISPOSAL FEES

Marketing	1.50%	1,132,282
Sales Agent Fee	1.00%	754,855
Sales Legal Fee	0.50%	377,427
		2,264,564

FINANCE

Debit Rate 6.000%, Credit Rate 0.000% (Nominal)		
Land		(194,616)
Construction		3,799,323
Other		448,699
Total Finance Cost		4,053,407

TOTAL COSTS **62,275,521**

PROFIT **13,209,959**

Performance Measures

Profit on Cost%	21.21%
Profit on GDV%	17.50%
Profit on NDV%	17.50%
IRR% (without Interest)	23.05%
Profit Erosion (finance rate 6.000)	3 yrs 3 mths

**Former B&Q Site, Trafford
Trebbs Mirror App. - ES Jan 2020 Cost Plan and Scheme
CW Jul 20 Inputs - 100% M**

Detailed Cash flow Phase 1

Monthly B/F	001:Feb 2020	002:Mar 2020	003:Apr 2020	004:May 2020	005:Jun 2020	006:Jul 2020	007:Aug 2020	008:Sep 2020	009:Oct 2020	010:Nov 2020	011:Dec 2020
	0	1,418,974	1,418,974	1,418,974	1,418,974	1,418,974	1,418,974	1,112,870	464,825	(502,304)	(1,766,268)
Revenue											
Sale - Residential	0	0	0	0	0	0	0	0	0	0	0
Sale - Car Parking	0	0	0	0	0	0	0	0	0	0	0
Sale - Commercial Retail	0	0	0	0	0	0	0	0	0	0	0
Disposal Costs											
Marketing	0	0	0	0	0	0	0	0	0	0	0
Sales Agent Fee	0	0	0	0	0	0	0	0	0	0	0
Sales Legal Fee	0	0	0	0	0	0	0	0	0	0	0
Acquisition Costs											
Residualised Price	1,418,974	0	0	0	0	0	0	0	0	0	0
Construction Costs											
Con. - Residential	0	0	0	0	0	0	(269,204)	(573,491)	(855,867)	(1,116,330)	(1,354,881)
Contingency	0	0	0	0	0	0	(13,460)	(28,675)	(42,793)	(55,816)	(67,744)
CIL	0	0	0	0	0	0	(1,904)	0	0	0	0
Professional Fees											
All Professional Fees	0	0	0	0	0	0	(21,536)	(45,879)	(68,469)	(89,306)	(108,390)
Net Cash Flow Before Finance	1,418,974	0	0	0	0	0	(306,104)	(648,045)	(967,129)	(1,261,453)	(1,531,015)
Debit Rate 6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%
Credit Rate 0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Finance Costs (All Sets)	0	0	0	0	0	0	0	0	0	(2,512)	(8,819)
Net Cash Flow After Finance	1,418,974	0	0	0	0	0	(306,104)	(648,045)	(967,129)	(1,263,964)	(1,539,834)
Cumulative Net Cash Flow Monthly	1,418,974	1,418,974	1,418,974	1,418,974	1,418,974	1,418,974	1,112,870	464,825	(502,304)	(1,766,268)	(3,306,102)

**Former B&Q Site, Trafford
Trebbs Mirror App. - ES Jan 2020 Cost Plan and Scheme
CW Jul 20 Inputs - 100% M**

Detailed Cash flow Phase 1

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012:Jan 2021	013:Feb 2021	014:Mar 2021	015:Apr 2021	016:May 2021	017:Jun 2021	018:Jul 2021	019:Aug 2021	020:Sep 2021	021:Oct 2021	022:Nov 2021	023:Dec 2021	024:Jan 2022
(3,306,102)	(5,098,393)	(7,119,743)	(9,346,352)	(11,754,436)	(14,320,624)	(17,020,347)	(19,829,449)	(22,724,724)	(25,680,694)	(28,672,832)	(31,678,187)	(34,670,285)
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
(1,571,519)	(1,766,246)	(1,939,060)	(2,089,962)	(2,218,952)	(2,326,030)	(2,411,195)	(2,474,449)	(2,515,790)	(2,535,218)	(2,532,735)	(2,508,339)	(2,462,032)
(78,576)	(88,312)	(96,953)	(104,498)	(110,948)	(116,301)	(120,560)	(123,722)	(125,789)	(126,761)	(126,637)	(125,417)	(123,102)
0	0	0	0	0	0	0	0	0	0	0	0	0
(125,722)	(141,300)	(155,125)	(167,197)	(177,516)	(186,082)	(192,896)	(197,956)	(201,263)	(202,817)	(202,619)	(200,667)	(196,963)
(1,775,817)	(1,995,858)	(2,191,138)	(2,361,657)	(2,507,416)	(2,628,414)	(2,724,651)	(2,796,127)	(2,842,842)	(2,864,797)	(2,861,991)	(2,834,424)	(2,782,096)
6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%
0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
(16,474)	(25,492)	(35,471)	(46,427)	(58,772)	(71,309)	(84,451)	(99,147)	(113,128)	(127,342)	(143,364)	(157,674)	(171,846)
(1,792,291)	(2,021,350)	(2,226,609)	(2,408,084)	(2,566,188)	(2,699,723)	(2,809,102)	(2,895,274)	(2,955,970)	(2,992,139)	(3,005,355)	(2,992,098)	(2,953,942)
(5,098,393)	(7,119,743)	(9,346,352)	(11,754,436)	(14,320,624)	(17,020,347)	(19,829,449)	(22,724,724)	(25,680,694)	(28,672,832)	(31,678,187)	(34,670,285)	(37,624,227)

**Former B&Q Site, Trafford
Trebbs Mirror App. - ES Jan 2020 Cost Plan and Scheme
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Detailed Cash flow Phase 1

	025:Feb 2022	026:Mar 2022	027:Apr 2022	028:May 2022	029:Jun 2022	030:Jul 2022	031:Aug 2022	032:Sep 2022	033:Oct 2022	034:Nov 2022	035:Dec 2022	036:Jan 2023	037:Feb 2023
	(37,624,227)	(40,517,355)	(43,322,159)	(46,013,368)	(48,568,612)	(50,959,349)	(53,159,939)	(55,148,237)	(56,894,734)	(58,373,416)	(59,562,257)	(44,976,170)	(30,519,516)
	0	0	0	0	0	0	0	0	0	0	14,859,360	14,859,360	14,859,360
	0	0	0	0	0	0	0	0	0	0	196,000	196,000	196,000
	0	0	0	0	0	0	0	0	0	0	208,679	0	0
	0	0	0	0	0	0	0	0	0	0	(228,961)	(225,830)	(225,830)
	0	0	0	0	0	0	0	0	0	0	(152,640)	(150,554)	(150,554)
	0	0	0	0	0	0	0	0	0	0	(76,320)	(75,277)	(75,277)
	0	0	0	0	0	0	0	0	0	0	0	0	0
	(2,393,812)	(2,303,679)	(2,191,635)	(2,057,678)	(1,901,809)	(1,724,028)	(1,524,335)	(1,302,730)	(1,059,212)	(793,782)	0	0	0
	(119,691)	(115,184)	(109,582)	(102,884)	(95,090)	(86,201)	(76,217)	(65,136)	(52,961)	(39,689)	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	(191,505)	(184,294)	(175,331)	(164,614)	(152,145)	(137,922)	(121,947)	(104,218)	(84,737)	(63,503)	0	0	0
	(2,705,007)	(2,603,158)	(2,476,547)	(2,325,176)	(2,149,045)	(1,948,152)	(1,722,499)	(1,472,084)	(1,196,909)	(896,974)	14,806,118	14,603,699	14,603,699
	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%
	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
	(188,121)	(201,646)	(214,662)	(230,067)	(241,693)	(252,438)	(265,800)	(274,412)	(281,773)	(291,867)	(220,032)	(147,045)	(77,321)
	(2,893,128)	(2,804,804)	(2,691,209)	(2,555,243)	(2,390,737)	(2,200,590)	(1,988,298)	(1,746,497)	(1,478,682)	(1,188,841)	14,586,087	14,456,655	14,526,378
	(40,517,355)	(43,322,159)	(46,013,368)	(48,568,612)	(50,959,349)	(53,159,939)	(55,148,237)	(56,894,734)	(58,373,416)	(59,562,257)	(44,976,170)	(30,519,516)	(15,993,137)

**Former B&Q Site, Trafford
Trebbsi Mirror App. - ES Jan 2020 Cost Plan and Scheme
CW Jul 20 Inputs - 100% M**

Detailed Cash flow Phase 1

038:Mar.2023	039:Apr.2023		
(15,993,137)	(1,393,740)		
14,859,360	14,859,360		
196,000	196,000		
0	0		
(225,830)	(225,830)		
(150,554)	(150,554)		
(75,277)	(75,277)		
0	0		
0	0		
0	0		
0	0		
0	0		
14,603,699	14,603,699		
6.000%	6.000%		
0.000%	0.000%		
(4,302)	0		
14,599,397	14,603,699		
(1,393,740)	13,209,959		

D. Appendix 4

Former B&Q Site, Trafford

Trebbi Mirror App. - CW Jul 2020 FVA Scheme and Inputs

ES Jan 20 Build Rates - 100% Market

Development Appraisal
Trebbi
23 December 2021

**Former B&Q Site, Trafford
Trebby Mirror App. - CW Jul 2020 FVA Scheme and Inputs
ES Jan 20 Build Rates - 100% Market**

Appraisal Summary for Phase 1

Currency in £

REVENUE

Sales Valuation	Units	ft ²	Sales Rate ft ²	Unit Price	Gross Sales
Residential	333	218,265	340.00	222,853	74,210,100
Car Parking	98	0	0.00	10,000	980,000
Commercial Retail	1	1,550	139.49	216,212	216,212
Commercial Cafe	<u>1</u>	<u>1,937</u>	<u>192.34</u>	<u>372,566</u>	<u>372,566</u>
Totals	433	221,752			75,778,878

NET REALISATION **75,778,878**

OUTLAY

ACQUISITION COSTS

Residualised Price (Negative land)	(2,608,849)
	(2,608,849)

CONSTRUCTION COSTS

Construction	ft ²	Build Rate ft ²	Cost
Residential	320,752	162.39	52,086,700
Contingency		5.00%	2,604,335
CIL			4,437
			2,608,772

PROFESSIONAL FEES

All Professional Fees	8.00%	4,166,936
		4,166,936

DISPOSAL FEES

Marketing	1.50%	1,131,095
Sales Agent Fee	1.00%	757,789
Sales Legal Fee	0.50%	378,894
		2,267,778

FINANCE

Debit Rate 6.000%, Credit Rate 0.000% (Nominal)		
Land		(348,497)
Construction		3,897,906
Other		446,828
Total Finance Cost		3,996,237

TOTAL COSTS **62,517,574**

PROFIT **13,261,304**

Performance Measures

Profit on Cost%	21.21%
Profit on GDV%	17.50%
Profit on NDV%	17.50%
IRR% (without Interest)	23.78%
Profit Erosion (finance rate 6.000)	3 yrs 3 mths

**Former B&Q Site, Trafford
Trebbs Mirror App. - CW Jul 2020 FVA Scheme and Inputs
ES Jan 20 Build Rates - 100% Market**

Detailed Cash flow Phase 1

	001:Feb 2020	002:Mar 2020	003:Apr 2020	004:May 2020	005:Jun 2020	006:Jul 2020	007:Aug 2020	008:Sep 2020	009:Oct 2020	010:Nov 2020	011:Dec 2020
Monthly B/F	0	2,608,849	2,608,849	2,608,849	2,608,849	2,608,849	2,608,849	2,292,347	1,627,548	635,414	(658,652)
Revenue											
Sale - Residential	0	0	0	0	0	0	0	0	0	0	0
Sale - Car Parking	0	0	0	0	0	0	0	0	0	0	0
Sale - Commercial Retail	0	0	0	0	0	0	0	0	0	0	0
Sale - Commercial Cafe	0	0	0	0	0	0	0	0	0	0	0
Disposal Costs											
Marketing	0	0	0	0	0	0	0	0	0	0	0
Sales Agent Fee	0	0	0	0	0	0	0	0	0	0	0
Sales Legal Fee	0	0	0	0	0	0	0	0	0	0	0
Acquisition Costs											
Residualised Price	2,608,849	0	0	0	0	0	0	0	0	0	0
Construction Costs											
Con. - Residential	0	0	0	0	0	0	(276,164)	(588,318)	(877,994)	(1,145,191)	(1,389,909)
Contingency	0	0	0	0	0	0	(13,808)	(29,416)	(43,900)	(57,260)	(69,495)
CIL	0	0	0	0	0	0	(4,437)	0	0	0	0
Professional Fees											
All Professional Fees	0	0	0	0	0	0	(22,093)	(47,065)	(70,240)	(91,615)	(111,193)
Net Cash Flow Before Finance	2,608,849	0	0	0	0	0	(316,502)	(664,800)	(992,133)	(1,294,066)	(1,570,598)
Debit Rate 6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%
Credit Rate 0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
Finance Costs (All Sets)	0	0	0	0	0	0	0	0	0	0	(3,293)
Net Cash Flow After Finance	2,608,849	0	0	0	0	0	(316,502)	(664,800)	(992,133)	(1,294,066)	(1,573,891)
Cumulative Net Cash Flow Monthly	2,608,849	2,608,849	2,608,849	2,608,849	2,608,849	2,608,849	2,292,347	1,627,548	635,414	(658,652)	(2,232,542)

**Former B&Q Site, Trafford
Trebbs Mirror App. - CW Jul 2020 FVA Scheme and Inputs
ES Jan 20 Build Rates - 100% Market**

Detailed Cash flow Phase 1

	012:Jan 2021	013:Feb 2021	014:Mar 2021	015:Apr 2021	016:May 2021	017:Jun 2021	018:Jul 2021	019:Aug 2021	020:Sep 2021	021:Oct 2021	022:Nov 2021	023:Dec 2021	024:Jan 2022
	(2,232,542)	(4,065,417)	(6,133,203)	(8,411,554)	(10,876,073)	(13,502,695)	(16,266,305)	(19,142,122)	(22,106,249)	(25,132,643)	(28,196,140)	(31,273,104)	(34,336,469)
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	(1,612,149)	(1,811,910)	(1,989,192)	(2,143,996)	(2,276,320)	(2,386,166)	(2,473,534)	(2,538,422)	(2,580,832)	(2,600,763)	(2,598,216)	(2,573,189)	(2,525,684)
	(80,607)	(90,596)	(99,460)	(107,200)	(113,816)	(119,308)	(123,677)	(126,921)	(129,042)	(130,038)	(129,911)	(128,659)	(126,284)
	0	0	0	0	0	0	0	0	0	0	0	0	0
	(128,972)	(144,953)	(159,135)	(171,520)	(182,106)	(190,893)	(197,883)	(203,074)	(206,467)	(208,061)	(207,857)	(205,855)	(202,055)
	(1,821,728)	(2,047,458)	(2,247,787)	(2,422,715)	(2,572,242)	(2,696,368)	(2,795,093)	(2,868,417)	(2,916,340)	(2,938,863)	(2,935,984)	(2,907,704)	(2,854,023)
	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%
	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
	(11,146)	(20,327)	(30,564)	(41,803)	(54,380)	(67,242)	(80,723)	(95,711)	(110,053)	(124,634)	(140,981)	(155,661)	(170,199)
	(1,832,875)	(2,067,785)	(2,278,352)	(2,464,518)	(2,626,622)	(2,763,610)	(2,875,817)	(2,964,128)	(3,026,393)	(3,063,497)	(3,076,965)	(3,063,365)	(3,024,223)
	(4,065,417)	(6,133,203)	(8,411,554)	(10,876,073)	(13,502,695)	(16,266,305)	(19,142,122)	(22,106,249)	(25,132,643)	(28,196,140)	(31,273,104)	(34,336,469)	(37,360,691)

**Former B&Q Site, Trafford
Trebbs Mirror App. - CW Jul 2020 FVA Scheme and Inputs
ES Jan 20 Build Rates - 100% Market**

Detailed Cash flow Phase 1

	025:Feb 2022	026:Mar 2022	027:Apr 2022	028:May 2022	029:Jun 2022	030:Jul 2022	031:Aug 2022	032:Sep 2022	033:Oct 2022	034:Nov 2022	035:Dec 2022	036:Jan 2023	037:Feb 2023
	(37,360,691)	(40,322,437)	(43,193,574)	(45,948,180)	(48,563,212)	(51,009,485)	(53,260,694)	(55,294,030)	(57,079,312)	(58,589,855)	(59,802,968)	(44,858,802)	(30,418,465)
	0	0	0	0	0	0	0	0	0	0	14,842,020	14,842,020	14,842,020
	0	0	0	0	0	0	0	0	0	0	196,000	196,000	196,000
	0	0	0	0	0	0	0	0	0	0	216,212	0	0
	0	0	0	0	0	0	0	0	0	0	372,566	0	0
	0	0	0	0	0	0	0	0	0	0	(228,813)	(225,570)	(225,570)
	0	0	0	0	0	0	0	0	0	0	(156,268)	(150,380)	(150,380)
	0	0	0	0	0	0	0	0	0	0	(78,134)	(75,190)	(75,190)
	0	0	0	0	0	0	0	0	0	0	0	0	0
	(2,455,701)	(2,363,238)	(2,248,297)	(2,110,877)	(1,950,978)	(1,768,601)	(1,563,745)	(1,336,410)	(1,086,597)	(814,304)	0	0	0
	(122,785)	(118,162)	(112,415)	(105,544)	(97,549)	(88,430)	(78,187)	(66,821)	(54,330)	(40,715)	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0
	(196,456)	(189,059)	(179,864)	(168,870)	(156,078)	(141,488)	(125,100)	(106,913)	(86,928)	(65,144)	0	0	0
	(2,774,942)	(2,670,459)	(2,540,576)	(2,385,291)	(2,204,606)	(1,998,519)	(1,767,032)	(1,510,143)	(1,227,854)	(920,164)	15,163,583	14,586,879	14,586,879
	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%	6.000%
	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%	0.000%
	(186,803)	(200,678)	(214,030)	(229,741)	(241,667)	(252,690)	(266,303)	(275,139)	(282,689)	(292,949)	(219,416)	(146,542)	(76,902)
	(2,961,745)	(2,871,137)	(2,754,606)	(2,615,032)	(2,446,273)	(2,251,210)	(2,033,335)	(1,785,282)	(1,510,543)	(1,213,113)	14,944,166	14,440,337	14,509,977
	(40,322,437)	(43,193,574)	(45,948,180)	(48,563,212)	(51,009,485)	(53,260,694)	(55,294,030)	(57,079,312)	(58,589,855)	(59,802,968)	(44,858,802)	(30,418,465)	(15,908,487)

**Former B&Q Site, Trafford
Trebbs Mirror App. - CW Jul 2020 FVA Scheme and Inputs
ES Jan 20 Build Rates - 100% Market**

Detailed Cash flow Phase 1

038:Mar.2023 039:Apr.2023
(15,908,487) (1,325,576)

14,842,020 14,842,020
196,000 196,000
0 0
0 0
(225,570) (225,570)
(150,380) (150,380)
(75,190) (75,190)

0 0
0 0
0 0
0 0
0 0

14,586,879 14,586,879
6.000% 6.000%
0.000% 0.000%
(3,968) 0
14,582,912 14,586,879
(1,325,576) 13,261,304