

Stock Condition Survey Report

Tustin Estate, London Borough of Southwark

Southwark Council – Stock Condition Survey 2019

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hunters



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Executive Summary

Our report sets out to establish the cost of maintaining the residential assets across the Tustin Estate over the next 30 years, by means of a stock condition survey. The costs included within our report, are based upon an inspection of the external and communal areas of each estate block, together with an internal sample survey of 30% of Southwark Council's rented flats, to include a 100% survey of the rented houses in Manor Grove, the estate grounds, garages (Manor Grove Only) and the retail/ business units below Bowness House. In addition, our brief required a condition survey of the Pilgrims Way Primary school. The school condition survey forms a separate report.

Residential Condition Survey

To assist Hunters in the provision of delivering a robust report on the condition of the Tustin estate, the services of a specialist Mechanical and Electrical engineer (M&E), Messrs. MCCE Limited were commissioned. The purpose to assess visually, the communal heating and electrical installations associated with the estate blocks, with an internal sample of Council rented dwellings. Where individual heating systems exist within homes a sample of these were inspected to understand their condition, e.g. Bowness House and Manor Grove Houses.

To understand the condition of the external concrete fabric of the buildings, Messrs. Martech Technical Services Limited had been engaged to report on their condition. Their survey findings and report are based upon a sample of intrusive inspections of the external concrete fabric, across the five estate blocks and a small sample of the houses where concrete is exposed as part of the buildings.

The report and costs associated with these each of these specialists are included within the appendices and individual main summary cashflows of our report.

Our report excludes the condition of the structural building frames across the five estate blocks. A summary report had been provided by the council by Messrs. Arup's on behalf of Southwark Council of all concrete framed buildings across the Borough. The report provided to Hunters was very much a summary of blocks rather than detailed in any content concerning the condition of the structures. At the time of this report and without any detail or recommendations being available, the council are continuing to review and obtain the detailed reports and any findings and associated costs will need to be added to our report to understand the structural condition of these five buildings. Should this information not be available, a structural survey of the buildings will be necessary as part of the wider options appraisal evaluation and the maintenance of the estate.

A structural report and findings commissioned as a separate exercise prior to the Hunters survey by Southwark Council of No. 81 Manor Grove (House) has been provided with an estimate of costs provided by the council to rectify observations made in the report by Messrs. Calford Seadon. We have shown the cost as a provisional sum in our tables of estimated costs. Whilst their report is bespoke to this individual property, the recommendations did not extend to the other 17 No. rented house in Manor Grove.

Hunters recommend to the council for a survey of the remining rented houses to be extended based upon the findings in the structural report of No. 81 Manor Grove. In March 2020, we were asked to make enquires with structural engineers to provide a fee proposal to investigate and report upon the remaining homes. Following enquires and as a result of the changing Government policy at the time towards the current COVID 19 pandemic the structural engineers approached declined to provide a proposal until further Government guidance is published as they are following the stay at home recommended policy. When restrictions are eased, further enquires will again proceed for proposal s to be provided. The report will provide an understanding of their structural integrity and whether similar issues exist to those exhibited in No. 81.

All inspections carried out, unless other specified are visual "non intrusive". This means, we have not lifted carpets, removed panels or dug into or tested any of the structures/ fabric and are unable to report they are free of defects.

At the time of survey, the internal services e.g. soil/ waste pipes and rainwater goods are hidden behind ducted enclosed panels. These services run vertically throughout the blocks/ dwellings. To be able to understand the condition of the services and the existing fire stopping provision around pipework which penetrates floors/ walls between dwellings and any associated costs of work, we have highlighted as part of a joint survey between two specialists these areas must be investigated further.

- 1. A specialist Fire Risk Assessment (FRA) to level Type 4 (intrusive investigation) in lieu of the current Type 1 (non intrusive) undertaken by the council, providing a detailed assessment.
- 2. Detailed visual inspection and review by the Mechanical and Electrical engineer of the existing services, to enhance is already knowledgeable assessment of these services.

Under the council's legal duty, fire risk assessments of their blocks and a sample of dwelling types to an assessment level Type 1 have been undertaken and these will need to be updated regularly. These surveys identify and remove any fire risk hazards based upon a visual assessment by the council appointed framework consultant. Hunters recommendation is for the highest level of assessment Type 4 as this is destructive requiring all areas to be exposed and assessed for risk. The council have looked at the feasibility to undertake a type 4 destructive survey within homes inoccupation. This requiring the removal of ducted panels which will also need an asbestos refurbishment and demolition survey prior to disturbing ducts and associated materials. This was deemed impractical in occupied homes due to decanting of residents. The council will implement a programme of type 4 investigations/ surveys when homes become void.

To ensure fire safety is addressed, the council have reviewed their existing type 1 FRA inspections and provide a list of works considered necessary from the surveys with estimated costs. The information provided has been extrapolated to represent rented dwellings across the individual buildings to produce a profile of cost. These are included within the cashflows in our report. Hunters have only been asked to include the cost of the work derived by the council from their FRA reports by others. We have not interpreted the data and this has been undertaken by officers of the council.

In addition, and without being able to see these hidden services Messrs: MCCE Limited the M&E engineers have reviewed their costs and provided an assessment based upon their experiences and ages of similar projects and homes in estimating typical life expectancies of these services and their costs are included within their reports and our overall cashflow summaries.

Whilst a survey of the main Tustin estate below ground drainage is pending at the time of this report, based upon the results of below ground drainage survey and report of Pilgrim's Way primary school, the report recommendations of the school following discussion with the M&E engineer have been used to include a provisional sum of cost for the Tustin estate below ground drainage.

At the time of reporting drainage quotations have been provided to the council for consideration and instruction. For the purposes of our report, a provisional sum has been included for potential below ground drainage works.

The interior of leasehold homes is the responsibility of individual leaseholders to maintain. The costs within our report **do not** included costs associated with the interior of these homes, apart from costs associated with any communal services e.g. heating and or hot water pipework distribution where this is shared by all homes within the same block.

Sample Survey

The table below is a breakdown of all homes across the Tustin Estate by tenure. It includes, the total number of homes within each block, tenure split, how many were surveyed to meet our recommended agreed sample and our brief. 30% of Southwark Council homes have been surveyed internally. Externally, we have achieved a 100% visual no intrusive survey of each of the external and communal accessible areas of blocks and estate areas/ garages, together with a sample of accessible retail/ business units.

For the purposes of reporting, we have followed the block splits provided to us by Southwark Council. This means we have separately reported on the two block that make up Kentmere House and the four blocks of Hillbeck Close. See table over.

Survey sample and percentage achieved

					Number	96
Building Name	Туре	Total Stock	SC Rented	Leasehold	Surveyed	Surveyed
1-34 Bowness House	Block	1			1	100%
	Dwellings	34	19	15	7	3796
1-98 Heversham House	Block	1			1	10096
	Dwellings	96	71	27	23	3296
1-5,17-21 & 33-35 Kentmere House	Block	1	į		1	100%
	Dwellings	13	13	0	5	3896
6-16, 22-32 & 36-38 Kentmere House	Block	1			1	10096
	Dwellings	25	23	2	8	3596
2-40 Ullswater House	Block	1			1	100%
	Dwellings	47	47	0	14	3096
1-8 Hill beck Close	Block	1			1	100%
	Dwellings	8	8	0	3	3896
9-16 Hillbeck Close	Block	1			1	10096
	Dwellings	8	5	3	2	40%
17-24 Hillbeck Close	Block	1			1	10096
	Dwellings	8	7	1	4	5796
25-32 Hillbeck Close	Block	1			1	10096
	Dwellings	8	7	1	2	2996
Manor Grove Houses	Houses	49	18	31	16	8996
Retail/ Business Units		9	0	9	6	67%
Estate Areas (Excludes - Towers)		1			1	100%
Estate Cleaners Office		1			1	100%
Garages & Stores		16			16	100%

Survey Cost and Cashflows

The report sets out Hunters forecasts for the cost of planned maintenance expenditure over the next 30 years based on the stock condition surveys carried out by our surveyors and the surveys inspections of specialists.

For Southwark Council to understand the full cost of expenditure over the next 30 years, other additional costs need to be considered.

These typically include:

- Cyclical Maintenance e.g. Servicing of lifts, boilers, Communal Heating, ground maintenance etc.
- Responsive Maintenance (Day to day repairs)
- Improvements Property, Environmental and energy efficiency, Equality Act Adaptations
- Ongoing Fire Risk Assessment Surveys of void homes Type 4 assessments. Existing cost estimate
 provided by South Council and included within current costs.
- Management and removal of asbestos Current estimates included
- Asbestos Refurbishment and demolition surveys

A separate exercise has been undertaken to review existing and historic energy data by others as part of a wider assessment of ongoing energy efficiencies of homes and this is part of an ongoing assessment and review by Southwark council. The results are not part of this report.

The results of any additional reports and their costs e.g. below ground drainage and structural frames of blocks when available to Southwark Council, will need to be combined with the planned maintenance and capital works costs to produce an overall cost for the next 30 years to Southwark Council. It is also important to note that the costs assumed throughout this report are estimates at December 2019 and do not include any allowance for inflation in the future. The base date is fourth quarter 2019.

Overall Costs years 1-30

The overall costs for 30 years across the Tustin estate including the costs to leaseholders and inclusive of preliminaries (Main Contractors costs e.g. administering a project and providing general machinery, site staff, facilities and site based services) shown separately, with the exclusion of "additional report costs" on page 2 is; £32,688,984.

Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
8,442,617	1,247,328	10,476,482	90,984	805,418	1,848,012	2,372,090	1,819,298	4,043,046	1,543,709	32,688,984

Additional we have looked at a selected number of improvement measures based upon resident feedback received at the Pre survey on site walkabout. These measures are included below, with an estimates budget cost inclusive of preliminaries of £922,003.

- 1. Roof Edge Safety Protection
- 2. Estate Improvements Restricted access of motorized vehicles/ Pathway barriers
- Cold Bridging Protection of exposed surfaces from transfer of cold to internal dwellings

	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Roof Edge Protection	88,074	0	0	0	0	0	0	0	68,292	88,074	244,440
Estate Improvements - Access	30,750	0	0	0	0	0	0	0	0	30,750	61,500
Cold Bridging	231,198	231,198	0	0	0	0	0	0	0	0	462,396
Preliminaries 20%	70,004	46,240	0	0	0	0	0	0	13,658	23,765	153,667
Improvement Measures Total	420,026	277,438	0	0	0	0	0	0	81,950	142,589	922,003

Total estimated Tustin estate costs inclusive of preliminaries is £33,610,987.

Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
8,862,643	1,524,765	10,476,482	90,984	805,418	1,848,012	2,372,090	1,819,298	4,124,996	1,686,298	33,610,987

Overall Cost Years 1-30 - By Individual Building/ Type

The breakdown of the above costs for 30 years by block/ house/ garages, with the inclusion of estate area wide costs exclusive of improvement measures is £32.688.984:

Asset Name	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
1-34 Bowness House	1,389,909	550,149	1,098,452	3,361	25,920	658,373	256,302	328,204	401,754	63,804	4,776,229
1-98 Heversham House	3,211,165	347,494	4,505,731	8,948	104,096	143,840	1,246,180	527,072	1,195,973	390,709	11,681,208
1-5,17-21 & 33-35 Kentmere House	441,719	24,933	580,804	1,709	19,992	28,745	103,597	70,872	203,275	85,255	1,560,899
6-16, 22-32 & 36-38 Kentmere House	790,458	47,320	1,091,329	3,162	34,117	53,766	185,025	129,196	405,743	142,059	2,882,177
2-40 Ullswater House	1,026,753	74,424	1,283,697	4,610	55,553	496,360	258,713	245,667	795,008	139,665	4,380,449
1-8 Hillbeck Close	194,822	23,576	388,064	683	93,599	23,295	20,358	46,598	136,001	94,412	1,021,408
9-16 Hillbeck Close	140,723	23,320	387,809	427	93,344	29,712	11,288	45,320	121,187	91,852	944,982
17-24 Hillbeck Close	174,410	23,490	387,979	598	97,834	22,869	18,310	46,172	128,265	94,627	994,554
25-32 Hillbeck Close	173,853	26,802	387,979	598	97,154	17,687	19,700	48,629	131,577	85,220	989,198
Manor Grove Houses	647,177	52,901	215,557	30,811	124,721	159,330	54,549	100,307	267,394	144,169	1,796,916
Manor Grove Houses (Freehold)	7,037	141	53,808	0	558	3,375	2,774	7,922	17,986	1,398	94,999
Garages (Manor Grove)	17,882	0	3,302	0	19,841	3,302	0	17,276	57,671	32,292	151,567
New Boiler room for SELCHP	18,960	0	0	0	0	0	0	3,456	0	0	22,416
Retail	8,273	15,715	803	0	8,461	31,744	5,033	1,452	1,555	0	73,036
Void Maintenance	30,231	36,078	37,065	36,078	30,231	170,773	172,065	162,848	170,773	169,682	1,015,824
Towers - Estate Wide Works Only	49,175	986	54,103	0	0	4,845	18,203	38,312	8,891	8,570	183,084
Below Ground Tustin Estate Drainage Contingency	120,000	0	0	0	0	0	0	0	0	0	120,000
Total by Asset (Evolusive of Improvements)	£8 443 E4E	£1 247 329	£10 476 483	£90 985	£805 419	£1 848 018	£2 372 096	£1 819 304	£4 043 051	£1 543 715	£32 688 984

The costs throughout this report include leaseholders (for communal block and estate related works). However, internal dwellings (Bedsits, Flats and maisonettes) costs only include Southwark council rented tenures. This becomes more transparent on the individual block breakdowns where internal costs of homes only related to rented tenures and **DO NOT** include the interior of leasehold homes.

Glossary of Terms

It is important to note, in our "Summary Breakdown cashflows by individual asset" (Appendix B) our report outputs show all "Group Reporting" headings regardless of whether the group is applicable to a building or not. This is for formatting of report outputs only. Therefore, a number of these "Group reporting" may show zero costs over the 30 years or where there is a nominal cost included against these group headings. This is because a small proportion of work maybe allocated against the block, boundary, structure of the main building which also forms a boundary and or under estate boundaries, where the wall is consider by the surveyor to be part of the estate wide work. e.g. 1-34 Bowness House, block boundaries includes a cost in year 1 of £225, however the wall to the rear behind the shops and the estate has been included under the estate walls.

Likewise, not all groups have costs in ever year. This will only occur where work is of a cyclical nature e.g. decorations every 7 years for example or where certain building components require replace before others but still have a life expectancy where the cost will reoccur again before the end of the 30 year cashflow.

The following are some general terms referred to throughout our report to help in your understanding of the presented information and costs.

Stock Condition Survey – Reports on the overall condition of the residential homes and other associated assets collectively, reporting on the repair and longer term maintenance needs. The costs are based upon a sample of all property types through a visual non intrusive inspection. The property sample for survey is independently selected by the surveying practice based upon the different types of properties across the housing stock. This ensures a representative sample of all property types are included in the overall report. The results of the surveys provide a cost over of capital maintenance over a projected 30 year period.

Data – This is the information collected by the surveyor about the condition of a surveyed property or asset

Assets – This refers to the individual type of property surveyed e.g. House, Flat, Maisonette, bedsit, Block (The individual building in which the flats relate) and other estate related buildings/garages.

Preliminaries - Main contractors preliminaries are expenses incurred by the contractor for costs associated with management and staff, site establishment, temporary services, security, site compounds and welfare facilities, safety and environmental protection, management of sub-contractors, administration and day to day costs of running a project, not included in the material and labour costs for tendered items.

Schedule of Rates – This is a table of all building elements and includes a unit cost for labour and materials only exclusive of preliminaries. The data collected by the surveyor includes many different quantities and it is these quantities, which are multiplied by the rate contained in this table to produce a cashflow of cost for the property or asset surveyed.

Costed Tables/ cashflows - These are the tables containing costs you see in the appendices of the report.

Mechanical and Electrical (M&E) – Reference is made throughout this report to M&E. This an abbreviation for mechanical and electrical. A specialist engineer was commissioned to look at the mechanical (Heating and ventilation) services within communal areas of blocks/ estate and electrical (Internal and communal lighting and power).

Group Reporting – This is a heading included within our cashflows. For the purposes of reporting, we have reported the costs against these "key" building components headings. Each cashflow contains several different building component headings associated with the type of property we are reporting against.

Each individual flat, Maisonette, house or block is made up of many different building components. To show all of these individually, is not practical for reporting purposes and understanding. Following government guidance on reporting of stock condition surveys, we collectively group similar building components under these "key" reporting headings.

We follow the latest, we follow the reporting requirements of Ministry of Housing, Communities and Local Government (MHCLG) guidance and best practice for reporting.

These group reporting headings used in our report are listed below, together with an indication of the typical individual building components that are included within each of the "Key" groups.

Group Reporting - By "Key" Building Components

- Bathrooms This includes, bath/Shower/s, sink, W.C and floor coverings
- **Boundaries** These cover boundaries e.g. fences, walls associated with individual houses, blocks and estate wide. This heading can appear under each of these property types and costs for different boundaries, subject to whether they are directly associated with the block or part of the wider estate.
- Drainage Above Ground Waste pipes, and rainwater goods
- Electrical Installations The main and majority of electrical works are included throughout the report under the "Specialist Reporting" heading; mechanical and electrical (M&E). However, there are a few items relating to existing lightening protection systems (not Tested), aerials and smoke detectors (not Tested), that are included under a separate heading of "Electrical Installations". There are no duplications in costs between the M&E specialist and this heading. The existing services within the property e.g. Consumer unit (fuse box), electrical wiring, and communal related electrics are covered by the specialist M&E engineer and included as either "dwelling Internals" or communal.

The specialist report further covered the external areas of the building e.g. Security cameras, street lighting, security lights. Lifts are also covered by the specialist report under the relevant heading of lifts.

- Estates Includes all areas of an estate e.g. roads, walls, paths. There is a separate section reported by the specialist M&E engineer on estate lighting and elated electrics see "M&E Estate lighting".
- External Buildings Any external stores relating to the house or block
- External Doors Communal block entrance doors, individual flat and house main entrance doors, both front and rear where applicable. Our original survey data on front entrance doors has been overridden by the information produced by Southwark Council following their assessment of their type 1 Fire Risk Assessment (FRA) surveys referenced previously in our report.
- External Wall Finish Includes the pointing (mortar), render or other finishes e.g. timber/ UPVC panels. A separate specialist survey covers external concrete repairs and their coatings. See Section "Concrete Repairs & Coatings".
- External Walls This covers the main structure of the wall e.g. bricks, stonework and concrete claddings. The structural frames of the blocks are not included as part of this report as information is awaited form a review of reports provided previously by Messrs: Arups on the condition of the structures and or by further investigation under separate instruction.

- Estate Garages (Manor Grove Only) Collectively includes all elements associated with these garages e.g. roof, rainwater goods, walls, doors. See Estate Garages
- Hard Surfacing's Pathways, roads and paving's
- Heating & Hot Water This is covered under the following M&E engineer headings within the report and typically include Individual property boiler, radiators, heating system, hot water cylinders and cold water storage, communal heating systems and block located boiler rooms. "M&E Communal Services and dwelling internals". Refer to breakdowns in individual building reports. Where communal heating systems service all dwellings across individual blocks, these are classed as communal and therefore include costs of both Southwark council rented homes and leaseholders. Individual heating e.g. houses and flats without communal heating, only include costs for SC rented homes.
- Internal Doors Property or Block, Internal doors (Excluded and to be covered under Fire Risk Assessment report under type 4 as referenced earlier in our report.
- Internal Structural and Finishes Communal areas and dwellings, e.g. plastered finishes.
- Kitchens all fitted kitchen components e.g. cupboards, sink and floor coverings (not white goods).
- Roofs Main building roof coverings, facia/ soffits, porch roofs and roof structure.
- Laundry Items associated with a laundry where applicable e.g. sinks etc.
- Refuse Refuse disposal e.g. bin chute hoppers
- Stairs & Balconies External communal and private stairs/ balcony areas, structure and coverings
- Windows all windows within the house or block (Flats and communal windows).
- **Decorations** We have included a separate estimated allowance of cost in our cashflows for renewal of existing decorations under the heading "External and Communal decorations". Separately, under the specialists reporting section by Messrs Martech, "Concrete Repairs & Coatings" they have included an allowance for specialist paint coatings to exposed concrete surfaces across the buildings as recommended in their report. The decoration costs are repeated every 7 years for the standard decoration to buildings, whereas the specialist paint coatings have a longer life expectancy.

Terms used in "Survey design" and "Schedule of Rates" (Appendix C & D)

A detailed list of the individual building elements available to our surveyors for survey, together with their allocated "Key" reporting groups is shown in our survey design questions in (**Appendix C**). This list will assist you in understanding the individual building components and their assigned reporting groups.

The specialist M&E engineer, whilst using their own building services components to report against, have collective grouped similar work together and these are included in the main report cashflows under the following headings:

- M&E Communal Services (All Tenures)
- M&E Dwelling Internals (SC Rented Tenures) Excludes leaseholders
- M&E Lifts
- M&E Estate Lighting

Question Heading – The list shows the individual building component names/ questions included in a typical condition survey.

Unit (Unit of measure) – These show how the estimated quantity of work required has been measured for each of the individual building questions above. e.g. Meter's Squared (M2), Linear Meter's (LM), Number (Num) example one kitchen. Some questions require an answer only (Ans). These are non costed items and do not require a quantity to be measured e.g. "bathroom space layout"; is it adequate or not. This example question is used by our database to contribute towards working out if a property is decent or not for decent homes.

Text (Question Answer)

The answer to an individual question, selected from several possible pre-defined answers. The most relevant one is used.

Typical life cycle

This is the typical expected life of an individual building component once a new one is installed. These are derived from Royal Institute of Chartered Surveyors (RICS) and Building Research Establishment (BRE) data , together with a wealth of our own building experiences and those of Local Authorities of the life expectancy of building elements based upon our observations and professional knowledge through undertaking many thousands of surveys and those of our clients.

These individual life cycles are applied to our surveys, only once an we have identified an initial year of replacement. Our experienced surveyors assess the condition the individual building components at the time of survey of the home or block. This methodology is applied to each individual building component seen. It is only then our database, applies these life cycles to project their future costs in addition to the initial replacement or repair year estimated by our surveyors.

This means in the example of a kitchen, which has a typical life of 20 years, if the installation has been assessed at the time of survey as requiring replacement in 4 years' time, the application of the future life cycle will show this in the costs requiring a further replacement again in 24 years' time.

Cost/ Schedule of Rates

The costs shown in our cashflow are derived from the information collected by our surveyors using the above methodology, for the individual dwelling, blocks, houses and estate wide works. The survey data is stored within our own Microsoft Access database. This data is then electronically interrogated using the quantity of work collected by our surveyors, linking this information to a schedule of rates (individual costs) to calculate the cost of the work. These survey results are then collectively used to produce the results seen in our overall reporting cashflows.

1 Introduction and scope of survey

- 1.1 This report sets out to describe the professional work undertaken to collect and present data on the condition of the housing stock owned and managed by Southwark Council (SC). This report details the various stages of the survey project and explains the principal findings and how these were achieved in practice.
- 1.2 A brief and scope of work had been drafted for the scope of a condition survey of the Tustin estate in a document dated 21 October 2019. The parties involved: Southwark Council, Hunters as the appointed consultant and their appointed specialists. A wider group including other consultants and a residents committee has been set up to review our stock condition survey and the options appraisal work of these other consultants. This work is separate from the main stock condition survey.
- 1.3 Southwark Council tendered the works for a stock condition survey of the Tustin estate to include Pilgrims' Way primary School, located on the estate, for an experienced consultancy to carry out an independent survey. This would include a fresh survey of all existing buildings, to include a sample of Southwark Council rented homes internally only. The sample size and methodology has been drawn by Hunters from information provided in an address list of all homes across the estate. The objective, to provide robust reported on the condition of existing homes over the next 30 years and associated costs to ensure homes are maintained to decent homes standards. The information from the survey, will be used by Southwark Council and stakeholders to help inform the options appraisal exercise which considers the future of the Tustin estate.
- 1.4 The stock condition survey also provides a basis upon which programmes of work can be formulated to manage and maintain the existing stock portfolio. This includes a separate report on the Pilgrims' Way Primary school.
- 1.5 Each report is intended to be a reference document and contains several costed tables (cashflows) which are generated from our in house database. A copy of our database containing all the information collected as part of this survey will be provided to Southwark Council following delivery of our final report, where further analysis of the data and results can be accessed by Southwark Council.
- 1.6 Additionally the survey was expected to inform Southwark Council on any category 1 hazards as part of decent homes programmes. This information is one of four sections (section A) "Housing Health & Safety Rating System" (HHSRS) used to understand homes that are non decent, and any newly arising need based upon rented tenures only.
- 1.7 All assets have been surveyed on a visual non intrusive basis as part of the stock condition survey. Properties were not inspected in relation to any aspect of Fire safety. This will be included and provided by Southwark Council and the costs added to the current survey of the costs of maintaining homes and to decent homes standards. This forming part of the councils ongoing options appraisal of the estate assets.
- 1.8 Further reports will include, but not limited to:

Fire Risk Assessments – Southwark council following a review of their type 1 surveys have provided a profile of costs for FRA works to the buildings. There will be further, more detailed surveys undertaken by the council as homes become void as part of a detailed type 4 recommended intrusive surveys. See additional reference on page 1 and 2 of our report.

Structural Engineer - Review and conducted further intrusive investigations of the Houses and based upon previous structural engineers' recommendations Messrs Calford Seadon of No. 81 Manor Grove.

Mechanical and Electrical specialists – Only when access to ducting and other inaccessible parts of the structure are undertaken as part of the void FRA inspections, it is recommended for an engineer to further inspect the condition of any hidden services. The costs currently included in the cashflow by the M&E specialist are based upon the engineer's experiences and knowledge of similar property assessment with similar ages.

Not part of this report (Pilgrims Way primary School) - For information a report is due week of 10 February on the condition of the below ground drainage of the Pilgrims Way Primary school and any recommendations based upon the condition of school below drainage, for potential extension of survey to parts of the min estate to understand its condition too.

Structural Engineer - A summary report has been issued by the council of the building structures undertaken by Messrs Arup's to include the blocks across the Tustin estate. The information provided was limited in nature. At the time of this report, we are awaiting any additional information form the council relating to any detailed reports that are available and their recommendations/ costs. Southwark council are seeking confirmation of any detailed reports from Arup's. Should detailed reports not be available, a structural report of the building frames of blocks on the Tustin estate should be undertaken for all to understand their condition as part of the overall options appraisal excerise.

- 1.9 Following the competitive tendering process in August 2019, Hunters were instructed in October to commence work on the project. Preparation work began immediately. This included Hunters delivering a survey design which was fit for purpose to collect our survey data.
- 1.10 Prior to on site surveys, Hunters, together with MCCE Limited (M&E Engineer) attended a joint Tustin estate site walkabout. This was in the presence of officers of Southwark Council, a local councillor and representatives and residents of the Tustin estate. The estate overview included visiting two maisonettes, one from Bowness Houses and the other in Heversham House. The objective to understand some of the concerns of those residents together with a visual walk through of their homes.

Shortly after our site visit, the local Southwark Housing team, shared amongst all stakeholders a summarised feedback form based upon individual blocks and the houses collated by the officers. The document known as "Starting the conversation questionnaire" provided anonymous collective responses from residents based upon several questions about their home/ block/ estate to include; the block in which they live and the estate in general. These summary sheets included replies from both rented and leasehold homeowners. The questionnaires issued are dated 15 October 2019 and were conducted during the October period by Southwark council officers.

The information was shared with our survey team as part of a briefing in advance of surveying the estates and properties, to provide further background on any concerns of residents pertaining to the assets across the estate.

On site surveys were programmed to commence in mid November 2019 for a duration of two/ three weeks.

- 1.11 Further mid survey meetings were attended by our project manager, with estate residents at TEPG project group meetings to provide an interim report on progress and to answer any further questions from the residents pertaining to our survey methodologies and interim issue of survey results as minuted at these meetings.
- 1.12 On site condition surveys were completed during December 2019.

2 Sample survey

Sample Survey

- 2.1 The project required a representative survey sample survey of all types of properties across the Tustin estate. Hunter's fee proposal included for a 100% visual accessible areas survey of all internal communal and external areas of blocks of flatted dwellings, estate areas and garages.
- 2.2 A 30% internal sample was drawn by Hunters using information provided to us in the Southwark address list of homes and tenures across the estate. The address additional included, information on business/ Retail units and the garages located at Manor grove. We have further added the cleaner's store/ office (an individual detached building) located on Manor grove to the North West corner of the estate.
- 2.3 The internal sample was drawn independently by Hunters from the stock list provided by SC. Freehold properties (Houses) were removed from the list prior to the sample being selected. However, within the breakdown of costs by building/ block, we have used the 31 Freehold properties, together with those in the tower blocks to apportion the estate costs as an equal contribution across all homes on the estate. We have included these assets and their associated costs on the breakdown's costs by individual buildings/ type. We have been asked, not to apportion the costs of the garages on Manor grove or the decoration costs of them across the tenures. The garages are therefore shown as a separate building's costs.

2.4 The stock control numbers used for this survey across the Tustin estate are:

Blocks – a total of 9 No.- (Kentmere House, included as two blocks and Hillbeck Close four separate blocks)

Flats/ maisonettes and hostel bedsits - SC rented tenures - 200 No.

Houses/ Bungalows SC rented tenures - 18 No.

Leasehold Tenures – 49 (represented by a 100% survey of the External & Internal communal areas only)

Tustin Estate (Communal estate areas, roads, pathways and boundaries.)

Manor Grove Garage blocks – 2 No. (16 individual Garages)

Business/ Retail Units - 9 No.

2.5 For all block surveys a 100% coverage of all accessible and communal areas have been visually assessed, together with the garages. At the time of survey, we were unable to gain access to the interior of the garages and a provisional sum allowance is included for cost of internal work to partition walls. This allowance has been estimated based upon an independent survey by the councils appointed contractors. We were unable to gain access to three of the nine business units. These unsurveyed units have been represented from cloned surveyed units an additional allowance for external windows (not shop fronts) is included within the external costs of the units and their rear doors.

Estate Blocks

2.6 The stock list identified a total of 9 blocks across the estate. Hunters define a block as a single building containing more than one dwelling (Bedsit/ Flat/ Maisonette), located under one roof.

Whilst many will consider the properties in Kentmere House to be one block, together with the Hillbeck Close block, Southwark Council's address list showed these blocks as being individual. We have therefore, included these within our report under the following block names:

Kentmere House:

- 1-5,17-21 & 33-35 Kentmere House
- 6-16, 22-32 & 36-38 Kentmere House

Hillbeck Close:

- 1-8 Hillbeck Close
- 9-16 Hillbeck Close
- 17-24 Hillbeck Close
- 25-32 Hillbeck Close
- 2.7 Working to the principles of using the following fields as archetypes, contained within the council's address list, a 30% sample from the archetype groups was drawn by Hunters, using the following information.
 - By Block
 - Property Type House, Bedsit, Flat and Maisonette
 - Year Built
 - Floor location within the block
 - Number of bedrooms
- 2.8 Following agreement of our selected sample of 30% of SC rented tenures, an agreed letter of communication was sent to all SC rented homes, in a single mailing. The letter informed customers of our intention to visit their home for survey. The 30% sample survey we refer to a target property, homes drawn from the above sample methodology we have selected as initial homes. As a result of residents not always being avaible, we chose two alternate properties from the sample archetype group to survey in the event access is not avaible to the target. In this way it ensures we still obtain and representative sample of all archetype groups. Due the high nature of the sample 30%, it effectively meant it made sense to send a letter to all rented homes on the estate.

This is a recognised as best practice, in the event the target property is not available an alternative property of similar characteristics is surveyed, to achieve the required sample.

A full list of all homes surveyed is available in the address list within our Hunters database.

The survey achieved a 100% survey of all Blocks (SC rented and leaseholder tenures), Estate areas and garages, with a targeted 30% internal sample of SC rented tenures, to included 89% of rented houses, 67% of retail/ business units (Bowness House) and 100% of garages (Manor Grove) and estate cleaners office.

- 2.9 The sample drawn, and surveys achieved is shown in the table on page 2.
- 2.10 The mechanical and electrical engineer gained access to visually assess all communal boiler plant rooms and undertook and assessment of approximately 10% rented of homes.

Survey precision

2.11 The precision derived from any sample is proportional to the size of the sample. Experience has shown that a population of approximately 250 records of housing stock is necessary to produce a precision of plus or minus 4% at 95% confidence. Clearly, the size of the overall sample 30% and 100% of all external estate areas, blocks and garages, by far exceeds such a small sample, and therefore we consider achieves a precision of more than plus or minus 4% at 95% confidence. The full sample gives a sound basis for an estimate of major repair costs, suitable for any business planning purpose and use as part of a wider options appraisal exercise.

3 Survey data

Data capture

- 3.1 Survey information was captured using Microsoft windows devices, with a bespoke "Hunters collect" developed survey installed with a pre-structured survey design. The survey design enabled surveyors to record basic descriptive information about properties and to record information on the individual building elements making up the properties and the initial replacement life of individual building components. A copy of the survey format used is attached at **Appendix C** of this report.
- 3.2 Our surveyors were required to capture information on stock condition, Decent Homes which incorporates the Housing Health & Safety Rating System (HHSRS). The stock condition survey included individual building elements and component groups used as part of best practice following Department of Communities and Local Government (DCLG) guidance June 2016, still referenced today. The data was transferred at regular intervals to our head office secure network. Validation routines operated to ensure that no data corruption occurred during the transferring process. A full back-up of survey data was maintained on each device as a contingency measure. Data was securely stored within an in-house Microsoft Access database ready for validation.
- 3.3 The survey data was captured under approximately 150 elemental headings. For each of these elements data was captured to describe the general configuration of the element and its materials, the timing of replacements or major repairs both in the short and long term, and the quantities applicable to these renewals.

Improvements

3.4 The stock condition survey brief did not require any improvement measures. We have however, included for the following improvements, based upon feedback from estate residents at the "walkaround" meeting prior to commencing any surveys on site and through discussions with Southwark council.

These measures include:

- Roof Edge protection Additional and new flat rood protection around the roof perimeters
- Estate Improvements Access An allowance for additional gated restrictions to help reduce motor bike traffic and cycle traffic across pedestrianised paths in particular, the areas at the front of Kentmere House/ Manor Grove houses, together with restricting access via the pathways at the end of the of the houses and estate roads.
- Cold Bridging Estimated costs allowance to provide thermal insulation measures to exposed (overhanging rooms) to improve the thermal efficiency of these areas within homes.

Decent Homes and the Housing Health & Safety Rating System (HHSRS)

3.5 Data was captured against the risks identified in the indicative approach to the Housing Health and Safety Rating System as recommended by the Department for Communities and Local Government for use in condition surveys. (*Refer section 7*)

Validation

- 3.6 Once data had been entered into the prepared database; it was subjected to many validation checks. Range checks were applied to fields where values could be expected within known maximum and minimum values. Queries were constructed to apply range checks to types of property or to specific elements of buildings. Checks were also made to confirm the consistency of responses for property types and certain elements, and pricing data.
- 3.7 Finally, once all computer-generated checks had been completed, the data in its entirety was scrutinised, field-by-field, by the Field Team Leader. Any anomalous responses were clarified with surveyors and any necessary corrections were applied to the data. When the full scrutiny of the survey database had been completed, only then was the data passed as being in a satisfactory condition for reports to be generated.
- 3.8 Furthermore, our onsite team leader, shadowed our surveyors at the start and during all on site surveys, to ensure continuity of the survey brief was being adhered too and consistency between the survey team was being achieved. As part of our quality assurance an ongoing 5 percent quality control survey was conducted of surveyed assets by of our on site team leader.

Cloning and Extrapolation of Data

3.9 To obtain results that would be representative of the total Tustin estate housing stock, the data obtained from the sample surveys is grossed up, to represent all Southwark rented homes internally to enable all properties to be reported.

Houses/ Bedsits/ Flats and Maisonettes - SC Rented Tenures

3.10 Homes that were not included as part of the 30% of those surveyed are represented by "Cloning" the data from a surveyed home. The data from a surveyed property is cloned to an unsurveyed property type of similar characteristics in terms of property type, age, number of bedrooms and in the case of flats, a flat from within the same block and floor level. In this way all properties surveyed and cloned will have a complete "data set" which is used to build up a report and generate an output cashflow representing all SC rented tenures.

Blocks, Estate Communal areas and Garages

- 3.11 In the case of the above asset types, these achieved a 100% survey coverage. No cloning is necessary.
- 3.12 A detailed list of the properties surveyed and or cloned is included within the Hunters database.

4 Survey technique

Surveys

Access

- 4.1 The objective was to include a survey of the nine estate blocks, associated estate wide assets, retail/ business units and our 30% sample of "Target" properties. To further assist our access process, communication with customers of SC was achieved through wider communications of the estate resident's liaison team about the Hunters survey process.
- 4.2 Whilst we were not always able to access our target property, Hunters surveyors followed our 3 call protocol to gain access. This includes three separate attempts on different days with a calling card left on the first visit and subsequent visits advising of our unanswered visit, requesting a call back. Our calling card also gave the customers an opportunity to ring the Hunters Freephone number to arrange an appointment. If access was not gained, we then called upon an alternate property from the same property archetype. This together with the overall awareness of the survey ensured we achieve our survey sample of rented homes.

5 Costings of Work

Application of Schedule of Rates

- 5.1 The information from the surveyed properties following validation of the data and our quality assurance inspections is then "Cloned" to the non surveyed properties. Once the data is checked to ensure full representation of all assets, the complete table of data is linked to the schedule of rates. Following further checks of compatibility between these two tables, the internal processes of our database produce costs for each item of work.
- 5.2 The cost of repairs for backlog and future major repairs are calculated in our database, using an in-built schedule of rates. This schedule is based upon costs of major repairs and renewal of items as at the 4th Quarter 2019 prices within the London region.
- 5.3 A facility exists for our surveyors to "spot price" major repair items where, in their view, a calculation of cost using the in-built schedule of rates would give an inaccurate answer. The surveyors were instructed only to use this facility in "exceptional" circumstances. To ensure continuity in data collection there is a high preference for the data to be quantified with estimated quantities helping to reduce surveyor variability in results. Most costs have been generated by our database applying the schedule of rates.
- 5.4 A copy of the schedule of rates is reproduced at *Appendix D*.
- 5.5 It is important to note that the summaries within this report are inclusive of specialist costs from the results of their surveys following completion at the end of December 2019. For SC to understand their full maintenance liability, further additional costs will need to be considered, typically to include:
 - · Cyclical, Responsive and Void maintenance
 - Improvements Property, Environmental and Energy efficiency
 - Fire Risk Assessment Survey Findings and costs
 - Management and removal of asbestos Refurbishment & Demolition surveys
 - Southwark Standards Kitchens and Bathrooms
 - Structural Survey findings of No. 81 Manor Grove and associated houses

Economies of Scale

5.6 Many published schedules of rates incorporate certain assumptions as to the way work will be carried out. The costs seen within our cashflows are based upon the condition "at the time of survey" of many individual components of work. We have not programmed these to fall into collective programmes. This means we have not allowed for all kitchens and or bathrooms to be replaced at the same time. Based upon council policies and funding, if this were an avaible option, further economies of scale are potentially achievable. Additionally, we have included separate costs for scaffolding.

The cost of scaffolding, where included relates to when external work is required to include roofs, concrete repair and decorations, brickwork repairs and windows. The requirement for these individual components of may not always align with other repairs/ replacement at the same time. Therefore, it does not include for these economies in scaffolding. Economies in scaffolding can be achieved if all the work required externally was undertaken at the same time, however this may not always practical as a result of windows for example lasting longer until replacement is necessary versus concrete repairs and protective coatings which are necessary in earlier years.

Composite Rates

- 5.7 Schedule of rates items are composite in nature. This means that all items of work necessary to carry out a major repair/ renewal are included in the schedule of rates cost.
- 5.8 By way of example, the composite rate used in our Hunters database, for replacing a door includes all work necessary to complete the job. This would equate to the following work items in a schedule designed to be used to "assemble" individual work items:
 - a. Take off old door and cart away.
 - b. Provide and hang new door.
 - c. Provide and fix ironmongery.
 - Decorate door on both sides.

Contractors' Preliminaries

5.9 Costs generated directly from our computer database using the schedule of rates are exclusive of contractors' preliminaries. These are costs that reflect contractors' out-turn costs for overheads, site accommodation, profit, and general working conditions including scaffolding to low rise properties. Considering the level of pricing in the agreed schedule of rates, it is the opinion of Hunters an allowance in the range of 20% would be appropriate to be added to the base schedule of rates items, reflecting the type, nature and location of works associated with properties of this type. These would be higher if we had not included separate costs for the scaffolding. The 20% addition for contractors' preliminaries is an average, however, individual packages of work would attract different percentage additions for preliminaries according to project complexity, work content, and size.

Spot Prices

5.10 A small number of items of building work cannot be accurately priced using the schedule of rates. In the instance of a small but intricate repair, the use of the schedule of rates would not fully take account of the complexity of the job. In these cases, the surveyor enters a "spot price" or lump sum estimate of the cost in lieu of a quantity. The lump sum estimate effectively bypasses the schedule of rates mechanism and ensures that a more reflective estimate of cost appears in the cost reports. This are very low in number and for the purposes of continuity across the survey team most components and our answers are quantified with the schedule of rates being used.

Base Date

5.11 The base date used for costs is 4th Quarter 2019. All costs shown within our cashflows **do not** account for inflation in future years, they are at today's prices.

Cost Exclusions

Internal Plasterwork

5.12 No allowance for consequential plastering or the subsequent redecoration has been included in any of the cost estimates resulting from the stock condition survey.

Party Walls

5.13 No costs have been included in any of the cost estimates to reflect costs incurred regarding Party Wall legislation and the cost of any works to properties / land adjoining schemes.

Professional Fees

5.14 Except where explicitly stated, all costs contained in this report and the stock condition database exclude the cost of professional fees associated with the work.

Value Added Tax

5.15 As is the case for professional fees, except where explicitly stated, all costs contained in this report and the stock condition survey database exclude the cost of any Value Added Tax that would be applied to the work.

Leaseholders

- 5.16 The costs shown contained within the cashflows, report on the total stock regardless of tenure. The costs will be subject to recovery of costs from leaseholders shown within the building breakdowns at (*Appendices B*).
- 5.17 The provisions within individual leases and those of the retail/ business units may mean that it will not be possible to recover the full amount, but this cannot be ascertained without detailed examination of each lease. The scope of such work falls outside the remit of this project. The exception to this is the cashflows used in the comparison of costs exercise.

6 Meeting government standards

Decent Homes Standard

- 6.1 In 2000 the Government put forward a Decent Homes Standard that it expected all public sector housing to meet by the year 2010, and expressed to local authorities and housing associations that it also expected one third of their respective housing stocks to meet the Standard by 2004. The Standard was viewed by the Government as the minimum standard that all public sector housing had to achieve by 2010 or in such extended timescales as were agreed between central government and individual social landlords.
- 6.2 Post this period, the above methodology is still used as a benchmark to assess the condition of a housing stock. Furthermore, the homes (Fitness for Human Habitation) Act 2018 came into effect in March 2019 and references the 29 responses of the above HHSRS.
 - It is important to note, we have applied the indicative assessment of HHSRS for use in stock condition surveys and it is not based upon the full scoring methodology as applied by environmental health officers. We would recommend ensuring full compliance with the new Act, assessments are conducted to assess homes across the Tustin estate to ensure compliance with the above Act. In summary, the decent homes guidance operates on the basis that as "Key" individual, or other multiple components fall into disrepair, newly arising causes of non-decency will occur that require remedial action by major repairs. These newly arising circumstances are likely to be caused by the age of kitchens and bathrooms and the state of repair of the exteriors of properties. These causes are a feature of all housing stocks and do not reflect any shortcomings in the maintenance regime. If the original assessment of non-decency were to be replicated today, the numbers of properties with causes of non-decency are included in the summary table in *Appendix B*.
- 6.3 The costs to remedy non-decency and counts of non-decent properties are included as part of the above appendix and discussed in Section 11 Results.
- 6.4 The Decent Homes standard has specific requirements for classifying a property as non-decent. These may be misleading and hide the true nature of the work that should be included in a works programme to address the causes of failure for Decent Homes. We have shown a summary of the standard below and have commented in Section 11 on the underlying trends that are visible in the data but not necessarily evident from the headline Decent Homes failure statistics.

The following are the criteria required for a dwelling to meet the Decent Homes Standard:

Section A

It does not contain a risk categorised as "severe" under the Housing Health and Safety Rating System (HHSRS). Cat 1.

Section B

It is in a reasonable state of repair. Dwellings failing on this point will be those where either:

 One or more key building components are old and need replacing (where key means external components, electrics, and gas heating source)

or

Two or more other building components are old and need replacing. (see Section C over)

Section C

It has reasonably modern facilities and services. Dwellings failing on this point are those that lack three or more of the following:

- A reasonably modern kitchen (20 years old or less).
- A kitchen with adequate space and layout.
- A reasonably modern bathroom (30 years old or less).
- An appropriately located bathroom and W.C.
- Adequate noise insulation (where external noise/neighbourhood noise is a problem).
- Adequate size and layout of common areas for blocks of flats.

Section D

It provides a reasonable degree of thermal comfort. Dwellings failing the standard are those where the occupants are unable to heat their homes to a reasonable level e.g. inadequate levels of insulation

Decent Homes - a Trigger for Action

- 6.5 The Decent Homes Standard is defined by the Department of Communities and Local Government as "a **minimum** standard that all housing should meet by 2010". (Source: A Decent Home: Definition and guidance for implementation. DCLG June 2006).
- 6.6 Central government guidance explains to social landlords that the standard should not be regarded as the only major repair work that should be undertaken but rather that it should be regarded as a "standard that **triggers action**".
- 6.7 Strict adherence to the Decent Homes definition can lead to strategies that in practice may not produce the best value for money for social landlords. For instance, the guidance remarks that in a section relating to "Modern Facilities" where the standard requires three components to fail to render a property non-decent, "a home lacking two or fewer of the above is still classed as decent, therefore it is not necessary to modernise kitchens and bathrooms if a home meets the remaining criteria".
- 6.8 Whilst this is an accurate statement used to assess the number of non-decent properties to provide a nationwide benchmark of condition, it will be apparent that any programme based solely on the strict interpretation of Decent Homes could result in two components in identical condition being treated differently according to the state of repair of other components in the property. For example, the kitchen and bathroom in a property could exceed the age threshold for modern facilities and yet the property could be classified as "decent" and no work programmed. The adjacent property with a kitchen and bathroom in an identical condition but with a further failure, possibly space within the kitchen, would qualify as "non-decent" and the kitchen and bathroom would be scheduled for renewal in any major repair programme.
- 6.9 In addition to any inconsistency of approach, the piecemeal approach to renewing installations and the similar effect on future programmes and responsive maintenance in the intervening period are likely to result in poorer value for money than could be expected from a managed and consistently organised programme of repair. The guidance anticipates this effect and advises authorities that "landlords are not expected to carry out only that work which contributes to making homes 'decent' and encourages authorities to secure better deals and to increase supply side efficiencies".

The guidance summarises the position by stating that: "Social landlords and local housing authorities may deliver housing above this standard, but to ensure at least a minimum standard across all housing a common classification is needed to set and monitor the national target".

- 6.10 It should also be realised that many components that require capital works are not mentioned in the Decent Homes Standard. Examples of such areas of work are boundaries, paving, drainage, floor coverings, garages, lifts, rainwater goods.
- 6.11 A more realistic minimum scenario for most social landlords is to plan for the replacement of a few the key components which will need to be carried out in a planned and consistent manner to achieve optimum value for money combined with remaining items in the Decent Homes Standard.
- 6.12 It is should be noted, original design constraints of kitchen space layouts at Hillbeck close are poor and are not suited to current space standards and layouts without extending the existing kitchen into adjoing rooms and or extension of the dwellings. It was noted a number of residents have installed double cookers which greatly impede on the available space. It is understood from "A Typical" flat layout drawings provided as part of the options appraisal consideration into increasing space is being considered.

These are not included as part of the non decency table of homes, but are highlighted here. Existing layout without major change is considered difficult to achieve in these homes without major redesign.

7 Housing Health and Safety Rating System (HHSRS)

- 7.1 As part of the survey, surveyors were asked to record risks identified in the HHSRS. This aspect of the survey was conducted in accordance with government guidance on assessing risks as part of a large scale stock condition survey, which is contained in Figure G3 of Annex G of the CLG publication "Collecting, Managing and Using Housing Stock Information".
- 7.2 In total our surveyors recorded 4 property instances in the sample surveys where they considered a potential "severe" risk might exist. In each case it would be necessary to verify that the risk merited the classification of "severe".
- 7.3 "Severe" risks also constitute grounds for failure under the Decent Homes Standard. In most cases the remedial action will be accomplished by the day-to-day repairs service. The instances of severe risk have been notified to officers of the council for urgent action. At the time of this report these severe risk should no longer exist as they should have been actioned by the council.
- 7.4 The "severe" risks Cat 1 are listed below:

Electrical hazards and Damp and Mould

48 Heversham House Partition wall other side of kitchen, damp/ electrical socket £750

Hot Surfaces & Materials

1 Heversham House – Cooker location £750
31 Kentmere House – unsafe location for cooker/ poor provision £750

Lighting/ Electrical hazard/ damp

64 Heversham House - No lighting reported in bedroom for 10 years due water/ damp and lighting not working in bedroom locations. £2,250

Hunters have separately reported these to Southwark Council upon their discovery for action. These HHSRS cat 1 related instances.

7.5 Risks classified as "moderate" or lesser degrees of risk can be extracted from the stock condition survey database. These risks are highlighted for review and sign off by Southwark Council from the information that will be provided in our database.

8 Caveats and Limitations

- 8.1 We have not sought to impose any particular limitations upon the survey beyond those of the normal surveying practice and caveats.
- 8.2 In accordance with the brief, we confirm that our inspections have been carried out on visual inspection only. We have not inspected areas that were unexposed or inaccessible at the time of the survey and consequently we are unable to report that such areas are free from defects or the condition of components or services in these areas.

We have not carried out any boroscopic investigation of buildings or any chemical testing of elements to establish the presence of the following (the results of which may lead to higher repair costs, which are not identified from the Hunters condition survey within this report, with the exception of those contained with the specialist concrete repair report by Messrs: Martech Technical Services:

- Asbestos based materials
- High alumina cement
- Chloride content of concrete
- Ph value of concrete
- Carbonation of concrete
- Woodwall slabs as permanent form work
- Urea Formaldehyde, the extent of free formaldehyde in which exceeds the level stated in BS5669:1979
- Lead based paints
- Materials containing loose fibres less than 3 microns in diameter

Trees

8.3 No account has been taken of any costs arising from tree root damage or any limitations on works proposals arising from trees.

Japanese Knotweed

8.4 Japanese Knotweed is now common, and we have not allowed for a detailed survey by a specialist to identify whether this plant or similar plants are present within the site.

Contamination

8.5 No tests have been undertaken to determine the presence of ground contamination and no costs are included in the condition survey database with regards to ground contamination.

History of Settlement / Subsidence

8.6 Surveyors have not had access to any historic records of settlement or subsidence in considering the structural integrity of buildings. Surveyors will have considered the origin of any structural cracking based upon the condition of the structure of the building in question and adjoining buildings. Costs for structural repair will have been based upon visual observation rather than research and costs allowed will also include for further intrusive investigation of any structural defects to be undertaken by a structural engineer.

Drainage

8.7 No surveys were made of below ground drainage. Where obvious signs of a problem existed, we would expect this to be included in the surveyors' annotations to the survey. No costs are shown as each instance will require more detailed intrusive inspection to determine the cause of problems and to provide an estimate of repair works. Typically, this type of repair work is funded from day-to-day repairs service budgets. No surveys using CCTV equipment were undertaken across the main Tustin estate.

Lateral risers & sub-mains

8.8 We, together with the mechanical and electrical engineer have not undertaken investigations to determine the extent and condition of lateral risers and sub-mains and are therefore unable to report on any repair costs in this respect. An assessment as referenced earlier in the report should be undertaken as part of works associated with the intrusive inspections of the FRA surveys of voids.

Restricted access

8.9 Limited or restricted access will have prevented inspection of all areas behind ducts and areas locked shut or inaccessible from ground level. Whilst we have visually reported on those areas that were accessible and visible at the time of our survey, we recommend in the event duct inspections are not practical a contingency allowance is made in respect of access and the potential work required to areas that remain hidden from view.

Lightning conductors

8.10 We have included an estimate only for works to the existing lighting conductors and we recommend a full test and evaluation of these to fully assess their replacement or through review of existing records. Existing reports and records will form the basis of inspections by suitably qualified specialists in due course.

Fire Risk Assessments

8.12 We have not undertaken any assessments in relation to the integrity or suitability of buildings either internal or externally as part of this survey for fire and are unable to comment on these areas. We have strongly recommended Southwark Council review this work and understand a survey inspection and programme is currently being reviewed to undertake type 4 FRA's when homes become void. Current estimates of costs have been provided by the council and are included within the cashflows. Any future intrusive Type 4 surveys of void properties when available to the council will need to review the reports and the information extrapolated to help refine their initial estimates. This cost can also be assessed from the estimates of work to be undertaken as part of their earlier evaluation of the type 1 surveys and used to continually refine the overall condition survey costs.

Specialist Sub Consultants

Mechanical and Electrical

9.15 A specialist consultant MCCE Limited has reported on all mechanical and electrical services installations. Whilst we have included their costs in the summary of costs and breakdowns reference to their condition is not part of our survey and their report must be used for costs and condition breakdowns. These reports are separate to our stock condition survey. We have therefore removed from our own surveys the components of work where there is a correlation to avoid any double counting in the costs between our own surveys and those provided for all M&E services throughout the buildings.

Structural Engineer/ Concrete Investigations

9.16 A specialist consultant has been instructed to undertake an inspection and sample intrusive investigations of the concrete exposed finishes across the blocks to report on their condition with recommendations. The report from Messrs Martech Technical Services is include at **Appendix E**. Their costs are further included within the summary and individual asset cashflows.

A summary report of the concrete structures has been provided by Southwark council, which formed part of a wider borough survey by Messrs: Arup's. As referenced earlier in this report the content was limited and we have asked for any additional detailed information from the council with any findings as to the condition of these structures. Should a detailed report not be available, a structural engineer should be appointed to review the existing structures with a report to the council on their condition and associated costs.

Third Party Liability

9.17 The report will be provided for your sole use and the stakeholders. Whilst it may be shown to other professional advisers acting for you, the content may not be disclosed to a third party without our express prior consent in writing without which, no responsibility to any third party can be accepted.

No express third party right and no purported third party right is conferred by this contract pursuant to the Contracts (Rights of Third Parties) Act 1999.

9 Survey Assumptions

Investment Profile

9.1 The cashflows of major repairs are calculated from the sum of surveyors' observations, which have been applied to the schedule of rates. Costs for repair items have been assigned to the timescales recommended by surveyors, which have resulted in a profile of major repair / renewals. The main elemental headings are described below with the constituent elements that make up each main collective element

Roofs

9.2 This heading includes Main roof coverings and additional roofed areas, porch roofs, facias, soffits and bargeboards, any fall arrest system, rainwater goods, and lightning conductors.

External Walls

9.3 This element covers the wall structure, damp proof courses, chimney structures, and bin chutes.

External Wall Finish

9.4 This element allows for two types of external wall finishes to cope with situations where two finishes may be present on the same property e.g. render and pointing.

External Doors

9.5 Under this heading are elements for entrance doors, front communal entrance doors, patio or French doors, and rear or balcony doors.

Internal structural and Finishes

9.6 Under this heading may be found the separate elements of: wall plaster, ceiling plaster, ground floor construction, upper floor construction, communal floor coverings, stairs and balustrading and loft insulation.

Stairs & Balconies

9.78 This heading includes external areas: communal balcony structures, balustrades and handrails, their floor covering e.g. asphalt, private balcony balustrades and covering to individual units (where accessible), external staircases.

Windows

9.8 Covered under the main heading of windows are: main window type, and secondary window types, roof lights, windows to communal areas, and any automatic opening vents.

Kitchens

9.9 This heading includes: kitchen units, extract fans in kitchens, kitchen floor coverings, and communal kitchens. The report reflects the Southwark standards for replacement kitchens, and these supersede the costs of those in our original condition survey.

Electrical Installations

9.10 This category covers the electrical wiring installation, the consumer units, smoke detectors, which otherwise does not form part of the work covered by the M&E engineers report. – See Mechanical and Electrical Report by MCCE Limited.

Heating & Hot Water

9.11 This covers central heating boilers, distribution pipework, the hot water storage/provision, storage tanks and communal systems – See Mechanical and Electrical Report by MCCE Limited.

Bathrooms

9.12 Included under the general heading of bathroom are the sanitary fittings (bathroom installation), separate WCs, bathroom extract fans, floor coverings in bathrooms, showers and enclosures. The report reflects the Southwark standards for replacement bathrooms, and these supersede the costs of those in our original condition survey.

Boundaries

9.13 This covers pedestrian gates, front, rear and side boundaries, information on the curtilage of the property/ block and or estate.

Drainage Above Ground

9.14 This covers the above ground rainwater goods. – Also see Mechanical and Electrical Report by MCCE Limited.

External buildings

9.15 This heading comprises doors to bin stores, bin store structures, bin store wall finish, doors to stores, store roof structures, store walls.

Hard surfaces

9.16 The components associated with, Driveways, parking area surfaces and external environment associated with individual dwellings or blocks, paths, roads and external steps.

Estate Garages

9.17 This heading covers several elements about garages: garage fascia soffit and bargeboard, garage doors, garage roof, garage roof structure, garage walls, garage windows, garage rainwater goods.

Estate Areas

9.18 This component group includes estate wide related, boundaries, parking areas, Estate gates, Muga's areas, paths, paving, play areas and equipment, estate roads and street furniture across the estate/s.

Refuse

9.19 This includes the bin chute hoppers and point of chute exists within the bin rooms at the bottom of the chutes. We have not assessed or included the condition of the chutes internally.

Decorations

9.20 We have undertaken an assessment of the existing areas of the buildings that require decoration. The expectancy of renewal of decorations for the purposes of the report is cyclical every 7 years. We have not undertaken an assessment of the finishes within communal areas for fire spread of flame. This should from part of the separate FRA surveys by Southwark Council.

Asbestos Removal

9.21 The Council have a duty to continue to monitor asbestos across homes and to manage asbestos. Our brief excludes asbestos surveys and any works relating to identification. Ongoing management and removal are instructed by Southwark council and we are advised by the council this is regularly assessed and inspected by their appointed framework contractors.

Prior to our surveys onsite, we requested information as an awareness of instances and locations where asbestos has been found through several reports on homes provided by Southwark council. The very nature of our work is visual non intrusive. Whilst Hunters staff are not probing or removing materials in or around homes, we need to understand areas of potential hazards to our staff prior to survey.

We have not set out to report on any costs associated with asbestos and its removal or the costs of managing asbestos in place. We are aware however there are locations where asbestos will need to be removed prior to any work being undertaken. As an awareness to this, we have included a provisional sum for a small amount of potential removal associated with a small number of locations we have seen from reports that maybe affected. Actual costs must be obtained from full refurbishment and demolition survey prior to any works being undertaken.

10 Cyclical/ Response and Void Maintenance

The cashflows are exclusive of these components. Southwark Council will need to include these as part of their wider financial liabilities of total maintenance across the Tustin Estate.

10.1 Unlike data on major repairs, which can be captured from site inspections, assessment of the costs of cyclical and response maintenance cannot be made from these inspections. This information is gathered through review of historic records and adjust made to reflect future trends or known future maintenance e.g. decoration of windows where timber, if replacement to UPVC in the future, this item of work would need to be adjusted to reflect in lesser number of windows requiring decoration as a result of the newer UPVC materials.

Cyclical costs

These costs typical include, but not limited to cyclical external and internal communal decorations, lift maintenance, grounds maintenance, boiler servicing, periodic electrical inspection of Southwark council dwellings and all communal areas, lift servicing, communal heating servicing as examples and asbestos management.

Responsive costs

10.2 These costs typical include day-to-day repairs (call in from residents, leaks, blockages) and include the cost of aids and adaptations and asbestos testing/ removal.

Void costs

10.3 A profile of void costs has been provided by the council and are included within the report cashflows, Derived from historic void programmes across the Tustin estate to produce and indicative future expenditure.

11 Results

11.1 The brief required for estimates to be produced for dealing with backlog and future major repairs, as well as the cost of achieving the government's Decent Homes Standard. In addition, our costs include the provision for new installations of kitchens and bathrooms as part of the Southwark standards

Backlog & Future Major Repairs

- 11.2 Under the heading of major repairs we have included the costs of any backlog of major repairs and those repairs that fall due at the various stages of any cashflow that is shown. We have not shown any differentiation between backlog repairs and other major repairs as the distinction is largely meaningless. Costs are shown when repairs fall due. A larger total in the first year of a cashflow is therefore in part backlog work and in part other repairs that have become necessary at that time.
- 11.3 No alterations have been made to the timing of repairs. They are the times at which surveyors believe repairs will need to be carried out. Any landlord or major works contractor would seek to rearrange repairs into a logical programme that sought to achieve efficient planning of the works and economies of scale.
- 11.4 It should be noted that these costs do not include either day-to-day repairs or servicing operations and represent only those works necessary to keep the property to a reasonable state of repair. Except where explicitly stated they do not include any degree of improvement or upgrading except where this unavoidable or part of current good practice.
- 11.5 Because a few blocks across the estate are of medium and low-rise construction (excluding the Tower blocks as these do not from part of this report), we have included an estimate of cost for scaffolding of these buildings.

We have looked at those components of work from the survey data e.g. roofs, windows, external wall areas which require scaffolding to undertake this work and have profiled a cost for scaffold under the corresponding years. We have not allowed for programming these works, which may have the effect of reducing the scaffolding costs, where they to be programmed so all associated external works would fall within the same year therefore creating economies of scale in terms of the scaffolding cost.

Building elements

- 11.6 The survey contained responses under approximately 150 building elements. To make the overall findings of the survey more comprehensible in a written/tabular form we have rationalised these 150 elements under 19 headings for the purposes of tabular and graphical reports.
- 11.7 The 19 major elemental headings used are:

Roofs

External walls

External wall finish (i.e. rendering, pointing)

Windows

External doors

Stairs & balconies

Estate Areas

Boundaries

Garages

External buildings

Drainage (above ground)

Hard surfacing

Bathrooms

Kitchens

Internal structure and Finishes

Electrical installations

Laundry

Refuse

Decorations

11.8 For the purposes of this report we have included the costs from the specialist surveys. The results of these surveys are included under the following groups and used in the presentation of our report.

Mechanical and Electrical Communal Services - (M&E Communal Heating & Electrics)

Mechanical and Electrical Dwelling Internals – (M&E – Internal Rented)

Mechanical and Electrical Lifts – (Lifts)

Concrete Repairs and Coatings

Further costs are included for estate block scaffolding under a separate heading:

The following improvement costs are included within the cashflows, but they are not shown within the graph over.

Major works requirement

11.9 Using the data captured on site by our surveyors and applying this to the schedule of rates, this produces a cashflow of the work required to keep the properties in a tenantable condition over the next 30 years. Whilst the chart shows a significant backlog of major repair work over the first 5 years, the expenditure in year 1 and 3 are impacted on through the implementation of the following:

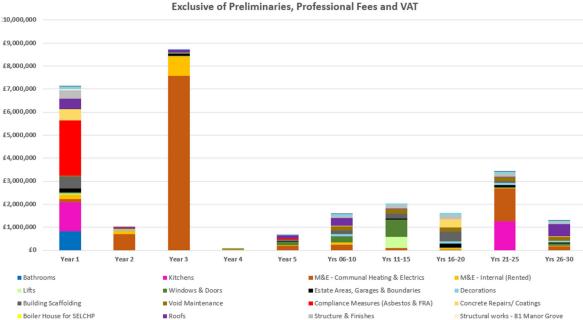
11.10 Year 1 (Total of £7.1 Million)

- 1. Compliance measures (Red) Fire risk assessment works and associated asbestos removal necessary in association with the work. These account for £2,414,600, (33.8%).
- 2. Southwark Standards New Kitchens (Magenta) and bathroom installations (Blue). These works account for £2,092,800, (29%).

11.11 Year 3 (Total of £8.7 Million)

M&E Communal Heating and electrics (Brown) – There is a significant investment required to upgrade and install the existing communal heating and associated electrics planned as part of the South East London Combined Heat and Power (SELCHP), planned as part of the Tustin estate options appraisal scheduled for years 2023/24 by Southwark Council. This cost represents the works necessary to the communal areas of existing blocks and all internal dwellings as will be required, together with the new installation of a communal system in Bowness House.

The future investment across the stock from year 3 reduces considerably when further investment will be necessary to maintain the existing dwellings over the remaining periods to year 30. See A*ppendix C* of this report and chart below.



Tustin Estate - Summary of Maintenace Years 1-30
Total Stock Inclusive of All Tenures, Estate Wide Assets, M&E, Concrete Repairs & SELCHP

11.12 It should be recognised however that the timing of repairs is purely as recorded by surveyors in the field. In reality, costs would be smoothed and organised into logical programmes of works to achieve economies of scale and fit within budgetary constraints. This work lies outside the scope of this report, but the information given provides a starting point for discussion on this aspect and the preparation of outline programmes of work. The chart costs are nett of preliminaries, professional fees and VAT.

Business plan cashflow

Asbestos Management & Contingency

11.12 Only when the cashflow for major works is combined with the other categories of cost it will be possible to produce a cashflow of the total maintenance commitment for the stock. The additional costs to produce this must include the following once evaluations of the intrusive surveys are known and the options appraisal has been undertaken:

Improvements – Already provided

■ External Buildings

Cyclical maintenance – These will be included as part of the options appraisal by Altair Responsive maintenance – These will be included as part of the options appraisal by Altair Intrusive surveys – Below ground drainage, Manor Grove Houses and Main building structures

The cashflows in our report at *Appendix C*, include selected improvements, void maintenance and a provisional sum for internal structural work at 81 Manor Grove.

In Years 6-10, work still focuses on M&E related works, however, other major repairs and renewals include external windows and rear doors and programmed roof covering replacements. Years 11-15 further roof covering renewals, windows and doors and the major works to lifts. Work in 21-25 starts to include for the replacement of kitchen installations programmed in year 1 with works again associated with the communal heating where components previously installed will be coming to the end of their life. Further detail of works over included within the cashflows and can be seen within the bar chart.

Due to the higher volume of work identified over years 1-3, the bar chart can be misleading when looking at the level of work required from years 6-10 onwards, due to the disproportional size of the bars in the earlier years by comparison. This is primarily due to the higher level of investment needed to maintain the stock due to lower levels of investment in recent years, but also the costs associated with the installation of a more energy efficient way of heating homes with the installation of SELCHP, together with new kitchen and bathroom installations estate wide to rented homes.

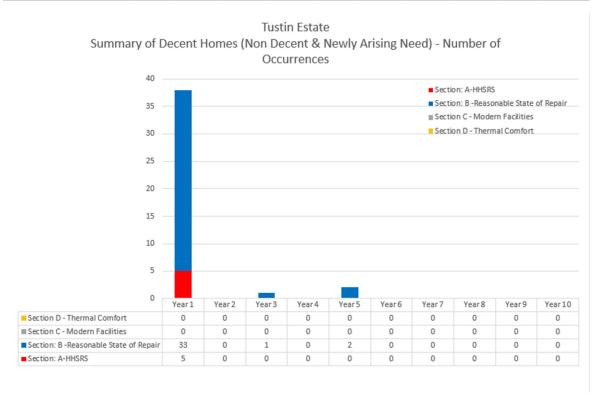
Decent Homes Standard

- 11.13 Section 6 described the Government's Decent Homes Standard in some detail. Surveyors recorded the individual factors that need to be considered in the Decent Homes Standard following the algorithm that is necessary to correctly ascertain whether a property is "Decent".
- 11.14 The overall extrapolated prediction of the number of properties that will contain causes of properties becoming Non-Decent, is given in the chart below. It should be recognised however that some properties will contain more than one cause of non-decency within an overall Decent Homes Criterion (e.g. A, B, C or D) and that the projected number of instances will decrease because of ongoing maintenance programmes.

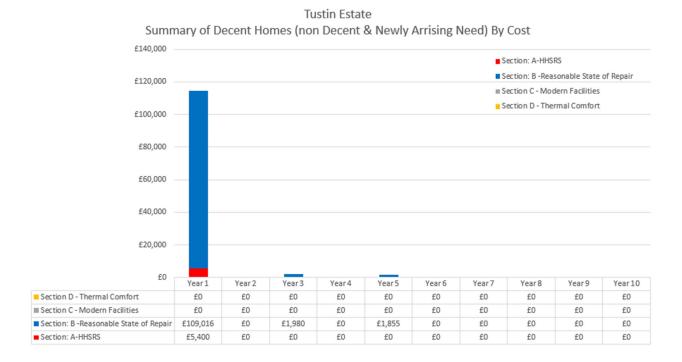
The profile is based upon the assumption that SC continue to maintain the housing stock, preventing newly arsing need of non decency. The numbers included in the table show the total number of occurrences for each of the sections. However, an occurrence can occur once within a property. The table below shows the total number of non decent homes by the number of occurrences of non decency a total of 38 in year 1.

It is important to note, the results of the mechanical and electrical installations of heating and electrics within internal dwellings is not reflected within the tables below. The results of this survey have been conducted by the specialist engineer and our algorithms are unable to assess their external data. We have used an indicative representation based upon the "Raw" data collected by our surveyor on electrics and boilers, however, this can only be an estimate as the engineer's results are those of a specialist and not a building surveyor. These will need to be factored into the results. The results included the impact of the Southwark Standard for Kitchens and Bathrooms, however these are all currently reflected in year 1 and once installed there will be no future failures against newly arising need over the next 10 years.

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10
Number of dwellings	38	0	1	0	2	0	0	0	0	0



11.15 The costs attributable to work to maintain the Decent Homes Standard are shown in the bar chart below. As is the case of the major repairs cashflow, these costs are exclusive of contractors' preliminaries, professional fees, and VAT. The total cost of maintenance over the first five years is estimated to be £16.9 million, and costs for the next five years (6-10) are estimated to be a further £1.2 million. Of this overall total, current non decency in year year1 is estimated at £109,016 representative of 38 properties.



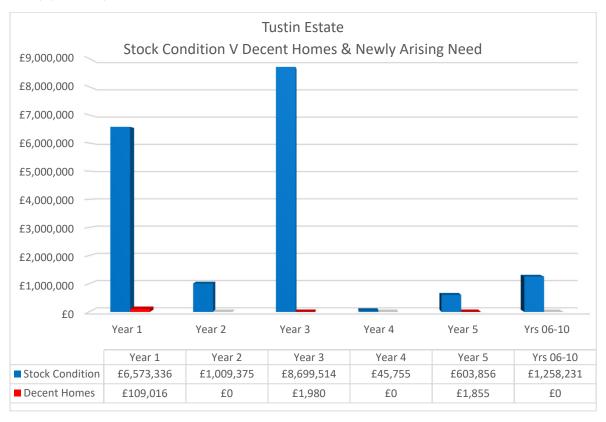
11.16 As with any costs produced within decent homes, these are heavily reliant upon an estimate of the date of installation of the component which is recorded by the surveyor. This is because the algorithm applied specifically to sections B and C, relates to the installation date of a component and further considers the year the work is anticipated for renewal. We would advise upon receipt of our database, that the dates of installation are refined for the key components of electrics, boilers, kitchens and bathrooms based upon records of installation and cyclical inspection.

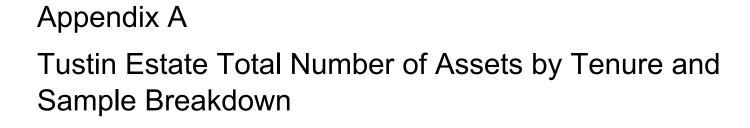
This exercise would have the effect of changing estimated install dates to actual dates and the decent homes trigger year could alter the profile. The costs attributable to section B include boilers and electrical installations, however, as the trigger for these is also based upon date of installation, these could fall out following on update of install dates based upon SC's known dates from their stored records. Our database will need to be updated with the engineers estimated dates of installation to reflect any changes to the tables as a separate exercise.

11.17 The Government's Decent Homes Standard is limited in its scope in that there are many building elements that are maintained by a landlord, but which are not included in the Decent Homes Standard.

Furthermore, there are repairs which are necessary to keep homes in a tenantable condition, but which nevertheless are not necessary to ensure compliance with the Decent Homes Standard as it needs a few factors to combine to "trigger" a non-decent result. If follows from this that the total of major repairs costs will substantially exceed the costs to maintain homes in a "Decent" condition.

The chart below, shows the relationship between the stock condition survey and the proportion of cost relating to current non decency (Year 1) and newly arising need work (Years 2-10). It is important to note, the cost shown in this graph are there to show the costs to remedy decent homes versus the overall costs in the stock condition survey. The costs to remedy non decency are already accounted for within the stock condition survey (Blue bars) and are not an addition to them.





Tustin Estate - Southwark Council Estate Breakdown of Housing stock by Assets and Percentage Surveyed

Duilding Name	Tuno	Total Stock	SC Rented	Leasehold	Number	%
Building Name	Туре	TOTAL STOCK	SC Rented	Leasenoid	Surveyed	Surveyed
1-34 Bowness House	Block	1			1	100%
	Dwellings	34	19	15	7	37%
1-98 Heversham House	Block	1			1	100%
	Dwellings	98	71	27	23	32%
1-5,17-21 & 33-35 Kentmere House	Block	1			1	100%
	Dwellings	13	13	0	5	38%
6-16, 22-32 & 36-38 Kentmere House	Block	1			1	100%
	Dwellings	25	23	2	8	35%
2-40 Ullswater House	Block	1			1	100%
	Dwellings	47	47	0	14	30%
1-8 Hillbeck Close	Block	1			1	100%
	Dwellings	8	8	0	3	38%
9-16 Hillbeck Close	Block	1			1	100%
	Dwellings	8	5	3	2	40%
17-24 Hillbeck Close	Block	1			1	100%
	Dwellings	8	7	1	4	57%
25-32 Hillbeck Close	Block	1			1	100%
	Dwellings	8	7	1	2	29%
Manor Grove Houses	Houses	49	18	31	16	89%
Retail/ Business Units		9	0	9	6	67%
Estate Areas (Excludes - Towers)		1			1	100%
Estate Cleaners Office		1			1	100%
Garages & Stores		16			16	100%
Garages & Stores		10	'		10	1007

Appendix B
Reporting of Costs

Summary of Maintenance – Total Estate	

Tustin Estate - Southwark Council - Addendum Stock Condition Survey Inclusive of Mechanical & Electrical - Summary of Maintenance Years 1-30 Inclusive of Selected Improvements, Preliminaries (Exclusive of Professional Fees & VAT)

Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Bathrooms	828,400	0	0	0	0	0	143	0	778	143	829,464
Boundaries	22,012	170	582	0	5,315	3,852	1,076	23,424	51,311	2,016	109,75
Drainage - Above Ground	13,403	0	0	0	0	0	596	23,852	292	23,649	61,79
Electrical Installations	142,893	27,638	25,850	0	11,744	221,017	44,268	9,411	364,167	30,430	877,418
External Buildings	13,435	0	23,030	0	0	25,252	0	0	178	23,990	62,85
External Doors	9,073	0	1,338	0	18,476	25,232	114,420	8,679	0	7,387	184,60
External Wall Finish	19,043	0	1,338	0	11,581	23,233	292	13,663	85,726	16,866	149,64
	•	0	-	0		•		•		10,800	
External Walls	203,996		0		0	0	1,485	0	0		205,48
Hard Surfaces	14,760	908	0	0	4,277	3,969	0	75,361	454	0	99,72
Internal Doors	32,393	0	0	0	2,187	3,816	33,789	0	41,160	0	113,34
Internal Structure & Finishes	41,286	3,069	0	1,200	5,071	1,039	45,033	26,984	1,296	23,436	148,41
Kitchens	1,264,400	0	0	0	4,244	0	0	4,244	1,264,400	0	2,537,28
Laundry	0	0	0	0	0	0	753	0	0	172	92
Refuse	42,000	0	0	0	1,538	0	1,000	0	0	0	44,53
Roofs	466,797	21,558	121,185	0	127,830	348,150	35,816	420	26,018	532,280	1,680,05
Stairs & Balconies	28,481	0	0	0	4,320	72,422	56,695	120,173	1,404	34,778	318,27
Windows	47,562	10,027	0	0	117,534	229,513	647,262	0	8,358	95,107	1,155,36
SCS Sub Total	3,189,934	63,370	148,955	1,200	314,117	936,736	982,628	306,211	1,845,542	790,254	8,578,94
	-,,	,-	-,	,	- ,		,,,,,,	,	,,-		-,,-
Specialist Reporting											
M&E - Communal Services (All Tenures)	1,500	683,600	7,539,021	0	178,250	15,000	47,000	20,000	1,050,090	135,000	9,669,46
M&E - Dwelling Internals (SC Rented Tenures)	169,000	126,000	870,979	27,000	27,000	105,000	47,000	45,000	40,660	133,000	1,410,63
M&E - Lifts	•	•		-	•			43,000			
	51,000	0	0	0	0	0	480,000	_	0	0	531,00
Installation of Boiler House - For New SELCHP (M&E)	15,800	0	0	0	0	0	0	2,880	0	0	18,68
Concrete Repairs & Coatings	452,308	0	0	0	0	18,000	0	383,759	0	18,000	872,06
Structural Engineer (No. 81 Manor Grove)	45,000	0	0	0	0	0	0	0	0	0	45,000
Specialists Sub Total	734,608	809,600	8,410,000	27,000	205,250	138,000	527,000	451,639	1,090,750	153,000	12,546,847
Estate Garages											
Garages	2,902	0	0	0	16,534	0	0	11,645	45,307	26,910	103,298
Estate Garages - Structural Contingency	12,000	0	0	0	0	0	0	0	0	0	12,000
Estate Garages Sub Total	14,902	0	0	0	16,534	0	0	11,645	45,307	26,910	115,298
Estate Areas											
Estate	97,254	1,950	0	0	0	9,583	36,000	75,771	9,583	1,950	232,09:
M&E - Estate Lighting	0	0	107,000	0	0	0	0	0	8,000	15,000	130,000
Estate Areas Sub Total	97,254	1,950	107,000	0	0	9,583	36,000	75,771	17,583	16,950	362,09
Estate / il eds sub Total	37,231	1,330	107,000	ŭ	ŭ	3,303	30,000	73,771	17,303	10,330	302,03
External & Communal Decorations											
(Excl Specialists Concrete Coatings & Towers)	4,483	64,400	16,004	0	0	86,137	5,733	80,404	86,137	70,133	413,43
Decorations Sub Total	4,483	64,400	16,004	0	0	86,137	5,733	80,404	86,137	70,133	413,43
Compliance Measures											
Fire Risk Assessment - Southwark Council - Works	2,299,400	0	0	0	0	0	0	0	0	0	2,299,40
Asbestos Removal - Associated Works	115,200	52,500	0	0	50,400	0	0	0	0	0	218,10
Compliance Measures Sub Total	2,414,600	52,500	0	0	50,400	0	0	0	0	0	2,517,50
Management O Continu											
Management & Contingency											
Below Ground Drainage contingency	100,000	0	0	0	0	0	0	0	0	0	100,00
Asbestos Management Per annum - Southwark Council	17,555	17,555	17,555	17,555	17,555	87,775	87,775	87,775	87,775	87,775	526,65
Management & Contingency Sub Total	117,555	17,555	17,555	17,555	17,555	87,775	87,775	87,775	87,775	87,775	626,65
Tustin Estate Sub Total	6,573,336	1,009,375	8,699,514	45,755	603,856	1,258,231	1,639,136	1,013,445	3,173,094	1,145,022	25,160,76
Preliminaries 20%	1,314,667	201,875	1,739,903	9,151	120,771	251,646	327,827	202,689	634,619	229,004	5,032,15
Sub Total	7,888,003	1,211,250	10,439,417	54,906	724,627	1,509,877	1,966,963	1,216,134	3,807,713	1,374,026	30,192,91
Associated Building Scaffolding Total	524,383	0	0	0	50,560	167,362	233,062	440,316	64,560	0	1,480,24
Void Maintenance (Excludes Cyclical & Responsive) Total	30,231	36,078	37,065	36,078	30,231	170,773	172,065	162,848	170,773	169,682	1,015,824
Tustin Estate Total (Excludes Improvement Measures)	8,442,617	1,247,328	10,476,482	90,984	805,418	1,848,012	2,372,090	1,819,298	4,043,046	1,543,709	32,688,98

Tustin Estate - Southwark Council - Addendum Stock Condition Survey Inclusive of Mechanical & Electrical - Summary of Maintenance Years 1-30

Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Improvement Measures											
Roof Edge Protection	88,074	0	0	0	0	0	0	0	68,292	88,074	244,440
Estate Improvements - Access	30,750	0	0	0	0	0	0	0	0	30,750	61,500
Cold Bridging	231,198	231,198	0	0	0	0	0	0	0	0	462,396
Sub Total	350,022	231,198	0	0	0	0	0	0	68,292	118,824	768,336
Preliminaries 20%	70,004	46,240	0	0	0	0	0	0	13,658	23,765	153,667
Improvement Measures Total	420,026	277,438	0	0	0	0	0	0	81,950	142,589	922,003
Tustin Estate Total (Inclusive Improvement Measures)	8,862,643	1,524,765	10,476,482	90,984	805,418	1,848,012	2,372,090	1,819,298	4,124,996	1,686,298	33,610,987

Exclusions:

Cyclical & Responsive Maintenance

Summary of Maintenance By Blocks, Houses, Estate Wide Ares, Garages and Retail/ Business Units

1-34 Bowness House

Manuscripton Transport T	Cost/ Annum	Stock £ Cos	% of Total Sto					_'-		Yrs 06-10	Year 5	Year 4	Year 3	Year 2	Year 1			Туре	Building/ Asset
14 Standschlerkeiter 15				0	0	0			_										
Montest Stock Montest Stoc						•		U	0	0	0	0	0	0	0		Bathroon	Block	House
144 Moreal Stock Block Letter Market				225	0	0		0	0	0	0	0	0	0	225		Boundari	Block	House
244 Connects House Social Middlings 4,779 0 0 0 0 0 0 0 0 0				23,680	5,962	0		14,520	0	0	0	0	0	0	3,198	Above Ground	Drainage	Block	House
244 Seminas Notes Block Center				37,400	0	18,700	18,7	0	0	0	0	0	0	0	18,700	stallations	Electrical	Block	House
1-14 Montes Stronge 1504 Exercatival Finds 7,418 10 0 0 0 0 0 0 0 0				4,779	0	0		0	0	0	0	0	0	0	4,779	ildings	External	Block	House
24 Reviewes House Block Earnes Waller September Septem				3,585	0	0		0	0	3,477	0	0	0	0	108	ors	External	Block	House
144 Servents House Block Schoger 50 0 0 0 0 0 0 0 0				14,182	0	0		6,764	0	0	0	0	0	0	7,418	all Finish	External	Block	House
144 Servers Notes Block Internal Survey 154 Servers Notes 155 Servers Notes				154,367	0	0		0	135	0	0	0	0	0	154,232	alls	External '	Block	House
1-44 Marrier Stoke Block Incent Misch Incent Incent Misch Incent Incent Misch Incent Incen				0	0	0		0	0	0	0	0	0	0	0		Garages	Block	House
54 Manures House 500 Mineral House				19,624	0	0		19,030	0	0	0	0	0	0	594	ces	Hard Surf	Block	House
3-4 Browness House Book Black				1,749	0	0		0	0	1,166	0	0	0	0	583	ors	Internal [Block	House
14 A Romens House Block Serfuse 1,000 0 0 0 0 0 0 0 0 0				2,786	1,289	0		0	0	0	1,289	0	0	0	208	ucture & Finishes	Internal S	Block	House
1-54 Browness House Block Refuse 15,000 0 0 0 0 0 0 0 0 0				0	0	0		0	0	0	0	0	0	0	0		Kitchens	Block	House
14 Standswess blooke 10 Stands 11 St				0	0	0		0	0	0	0	0	0	0	0		Laundry	Block	House
1-4 Browness House Blook Stain & Ralkzaines 7,148 0 0 0 0 0 0 0 0 0				15,000	0	0		0	0	0	0	0	0	0	15,000		Refuse	Block	House
1-4 Browness House Blook Stain & Ralkzaines 7,148 0 0 0 0 0 0 0 0 0				336,052	0	0		0	34,982	188,163	0	0	0	0	112,907		Roofs	Block	House
1-44 Rowners House Rock Mondows Rock Sub Final 252-95 10 0 0 10 200,099 10 10 10 10 10 10 10				74,477	0	0		40,314	0	27,020	0	0	0	0		conies	Stairs & E	Block	House
Secondary Seco				200,599	0	0			0		0	0	0	0	0		Windows	Block	House
File				888,505	7,251	18,700	18,7	80,628	35,117	420,425	1,289	0	0	0	325,095	Block SCS Sub Total			
Block Mile Communal Services 1,500 30,6000 904,000 0 17,000 0 170,000 0 170,000 0 10,000 0 0 0 0 0 0 0 0																	Specialis		
M & F - LIPS				1,463,000	22,000	70,500	170,5	0	22,000	0	17,000	0	904,000	326,000	1,500	nmunal Services	•	Block	House
Concrete Repairs & Costings Specialists Substitute Specialists Su								0		0		0							
Specialists sub Total Pipe					3,000	0		66,208		3,000	0	0	0	0					
Peliminaries 20% Associated Bullding Scaffolding 127,024 0 10,800 0 3,658 84,685 33,423 29,367 37,840 6.450 522,411 37,040 6.450 522,411 37,040 6.450 522,411 37,040 6.450 522,411 37,040 6.450 522,411 38,040 6.450						70.500	170.5	-	132.000	•	17.000	0	904.000	326.000		· —			
Associated Building Scaffolding 12704 0 0 0 15,024 0 15,024 0 15,024 0 0 0 387,072 CSS Bok Total 612,951 391,200 1,084,800 0 21,947 623,134 200,540 201,277 227,040 38,701 3,491,540 3,491,540 3,491,540 3,491,540 3,491,540 3,491,540 3,491,540 3,4				, -,	,,,,,,	.,	-,-	,	,,,,,,	,,,,,,	,		,,,,,,	,	-,-				
Associated Building Scaffolding 12704 0 0 0 15,024 0 15,024 0 15,024 0 0 0 387,072 CSS Bok Total 612,951 391,200 1,084,800 0 21,947 623,134 200,540 201,277 227,040 38,701 3,491,540 3,491,540 3,491,540 3,491,540 3,491,540 3,491,540 3,491,540 3,4				522.411	6.450	37.840	37.8	29.367	33.423	84.685	3.658	0	180.800	65.200	80.988	Preliminaries 20%			
Cost by Tenure Total Block SC Rented 612,951 391,200 1,084,800 0 21,947 623,134 200,540 291,227 227,040 38,701 3,491,540 34,91,540 3												0							
Cost by Tenure Total Black 342,531 218,612 606,212 0 12,264 348,222 112,067 162,745 126,875 21,627 1,951,155 55,88% 19 15 15 162,745 126,875					38.701	27.040	227.0		200.540		21.947	0	1.084.800	391,200		<u> </u>			
SCRented 142,531 218,612 606,212 0 12,264 348,222 112,067 162,745 126,875 21,627 1,951,155 55,88% 19 19 172,58 19 172,58 19 172,58 172,88 1				-, - ,-	,	, -	,-	,		,	,-		,,	,	, , , ,				
Script S																ure Total Block	Cost by T		
Leasehold 270,419 172,588 478,588 0 9,682 274,912 88,474 128,483 100,165 17,074 1,540,385 44.128 15 34 34 34 34 34 34 34 3	3,423.08 102,692	19	55.88%	1.951.155	21.627	26.875	126.8	162.745	112.067	348.222	12.264	0	606.212	218.612	342.531		,		
Second S	3,423.08 102,692											0							
1-34 Bowness House Internal Bathrooms 72,200 0 0 0 0 0 0 0 0 0 0 0 0 72,200 1-34 Bowness House Internal Drainage - Above Ground 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			
1-34 Bowness House Internal Bathrooms 72,200 0 0 0 0 0 0 0 0 0 0 0 0 72,200 1-34 Bowness House Internal Drainage - Above Ground 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																			
1-34 Bowness House Internal Bathrooms 72,200 0 0 0 0 0 0 0 0 0 0 0 0 72,200 1-34 Bowness House Internal Electrical Installations 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Per Dwelling by Tenure																		
1-34 Bowness House Internal Drainage - Above Ground 0 0 0 0 0 0 0 0 0	Cost/ Annum	Stock £ Cos	% of Total Sto					_'-		Yrs 06-10			_'						
1-34 Bowness House 1-34 Bowness					0			-	•	0	_		-	0	72,200				
1-34 Bowness House Internal				ŭ	0	-		-	-	0	-	-	ŭ	0	0		_		
1-34 Bowness House Internal Internal Doors 1,475 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,475 1.48 Bowness House Internal Structure & Finishes 1,708 0 0 0 0 0 0 0 0 0 0 0 0 1,475 1.48 Bowness House Internal Structure & Finishes 1,708 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,708 1.34 Bowness House Internal Roofs 110,200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0										4,276				7,278	0				
1-34 Bowness House Internal Internal Structure & Finishes 1,708 0 0 0 0 0 0 0 0 0 0 0 1,708 1-34 Bowness House Internal Kitchens 110,200 0 0 0 0 0 0 0 0 0 0 0 0 0 220,400 1-34 Bowness House Internal Roofs 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					•			-		0	-	-	_	0	0				
1-34 Bowness House Internal Kitchens 110,200 0 0 0 0 0 0 0 110,200 0 220,400 1-34 Bowness House Internal Roofs 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					0			_		-		-		-					
1-34 Bowness House Internal 1-					0			-		0			-	-		ucture & Finishes		Internal	
1-34 Bowness House Internal Stairs & Balconies Rented SCS Dwellings Sub Total 185,583 7,278 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					-			_		0	-			-				Internal	
Rented SCS Dwellings Sub Total 185,583 7,278 0 0 0 4,276 34,927 1,068 120,686 2,136 355,954 Specialists M & E - Dwelling Services 1,000 96,000 1,000 1,000 4,500 0 5,000 4,500 0 114,000 Management - Existing Asbestos 1,801 1,801 1,801 1,801 1,801 9,005 9,005 9,005 9,005 54,030				0	0			0		0	-			0	0				
Specialists M & E - Dwelling Services 1,000 96,000 1,000 1,000 4,500 0 5,000 4,500 0 114,000 Management - Existing Asbestos 1,801 1,801 1,801 1,801 9,005				0	0			0	•	0	0	0	0	0	0	_	Stairs & E	Internal	House
M & E - Dwelling Services 1,000 96,000 1,000 1,000 1,000 4,500 0 5,000 4,500 0 114,000 Management - Existing Asbestos 1,801 1,801 1,801 1,801 9,005 9,005 9,005 9,005 9,005 54,030				355,954	2,136	20,686	120,6	1,068	34,927	4,276	0	0	0	7,278	185,583	Rented SCS Dwellings Sub Total			
M & E - Dwelling Services 1,000 96,000 1,000 1,000 1,000 4,500 0 5,000 4,500 0 114,000 Management - Existing Asbestos 1,801 1,801 1,801 1,801 9,005 9,005 9,005 9,005 9,005 54,030																			
Management - Existing Asbestos 1,801 1,801 1,801 1,801 1,801 9,005 9,005 9,005 9,005 9,005 54,030																	•		
					ū											•			
Asbestos Removal 14,250 18,750 0 0 0 0 0 0 0 33,000																	_		
																_	Asbestos		
Specialists Sub Total 17,051 116,551 2,801 2,801 13,505 9,005 14,005 13,505 9,005 201,030				201,030	9,005	13,505	13,5	14,005	9,005	13,505	2,801	2,801	2,801	116,551	17,051	Specialists Sub Total			
Fire Risk Assessment Works																			
1-34 Bowness House Int & Ext Fire Risk Assessment - Fire upgrade works 346,900 0 0 0 0 0 0 0 0 346,900				346,900	0	0		0	0	0	0	0	0	0	346,900	sessment - Fire upgrade works	Fire Risk	Int & Ext	House
																<u> </u>			
Preliminaries 20% 109,907 24,766 560 560 560 3,556 8,786 3,015 26,838 2,228 180,777																_			
Bowness House Rented Dwellings Total 659,441 148,595 3,361 3,361 3,361 21,337 52,718 18,088 161,029 13,369 1,084,661 100.00% 19	1,902.91 57,087	19	100.00%	1,084,661	13,369	51,029	161,0	18,088	52,718	21,337	3,361	3,361	3,361	148,595	659,441	Bowness House Rented Dwellings Total			
1-34 Bowness House Int & Ext					-			•		-						, -	Fire Risk	Int & Ext	House
Preliminaries 20% 18,300 0					0	0		0	0	0	0	0	0	0	18,300	Preliminaries 20%			
Internal & FED's Leaseholders Total 109,800 0 0 0 0 0 0 0 0 109,800 100.00% 15	244.00 7,320															-			

1-34 Bowness House

1-34 Bowness House																	Per Dwelling	by Tenure
	uilding/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Si	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Estate Area		Estate	Estate	6,421	129		0	0	633	2,377	5,002	633	129	15,323				
			M&E Estate	0	120		0	0	0	0	0	528	990	8,583				
			Estate Areas Sub Total Preliminaries 20%	6,421 1,284	129 26		0	0	633 127	2,377 475	5,002 1,000	1,161 232	1,119 224	23,905 4,781				
			Estate Areas Total	•			0	0	759	2,852	6,003	1,393	1,343	28,686				
											•	•	•					
			Cost by Tenure Total Block															
			SC Rented	4,306			0	0	424	1,594	3,355	778	750	16,030	55.88%	19	28.12	843.71
			Leasehold	3,399	68	3,740	0	0	335	1,258	2,648	615	592	12,656	44.12%	15 34	28.12	843.71
																34		
																	Per Dwelling	g by Tenure
Bu	uilding/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Si	Stock		£ Cost/ Years 1-30
Estate Cleaners Store			Estate Cleaners Store	11			0	510	798	16	726	89	16	2,166				
			Estate Cleaners Store Sub Total				0	510	798	16	726	89	16	2,166				
			Preliminaries 20%		0 0		0	102	160 957	3 20	145	18 107	3	433 2,599				
			Estate Cleaners Store Total	13	U	U	0	612	957	20	872	107	20	2,599				
			Cost by Tenure Total Block															
			SC Rented	7	0	0	0	342	535	11	487	60	11	1,453	55.88%	19	2.55	76.45
			Leasehold	6	0	0	0	270	422	9	385	47	9	1,147	44.12%	15	2.55	76.45
																34		
																	2 2 111	
Ru	uilding/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Si	Stock	Per Dwelling £ Cost/ Annum	£ Cost/ Years 1-30
External & Communal Decorations	<u>.</u>	Турс	Decorations	0	8,500	0	0	0	8,500	0	8,500	8,500	8,500	42,500	70 01 10tai 3	tock	1 costy Almain	1 0034/ 10013 1 30
(Excl Specialists Concrete Coatings			Decorations (Estate & Cleaners Stores)	0	0	1,512	0	0	1,655	143	1,512	1,655	143	6,618				
			Decorations Sub Total	0	8,500		0	0	10,155	143	10,012	10,155	8,643	49,118				
			Preliminaries 20%		1,700	302	0	0	2,031	29	2,002	2,031	1,729	9,824				
			Decorations Total	0	10,200	1,814	0	0	12,186	171	12,014	12,186	10,371	58,942				
			Cost by Tenure Total Block															
			SC Rented	0	5,700	1,014	0	0	6,810	96	6,714	6,810	5,796	32,938	55.88%	19	57.79	1,733.59
			Leasehold	0		800	0	0	5,376	76	5,300	5,376	4,576	26,004	44.12%	15	57.79	1,733.59
																34		
D.	uilding / Assat	Tuno	Crown Departing	Voor 1	Voor 2	Voor 2	Voor 1	Voor F	Yrs 06-10	Vrc 11 15	Vrs 16 20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Si	Stock	Per Dwelling £ Cost/ Annum	
Improvement Measures	uilding/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	112 00-10	Yrs 11-15	Yrs 16-20	115 21-25	115 20-30	112 1-20	% 01 10tal 3	LOCK	E COST/ ATTITUTE	£ Cost/ Years 1-30
Roof Edge Protection				0	0	0	0	0	0	0	0	22,932	0	22,932				
Estate Improvements - Access				3,508	0	0	0	0	0	0	0	0	3,508	7,017				
Cold Bridging			<u>-</u>	84,180			0	0	0	0	0	0	0	168,360				
			Improvements Sub Total	87,688	84,180	0	0	0	0	0	0	22,932	3,508	198,308				
			Preliminaries 20%	17,538 105,226	16,836 101,016	0	0	0	0	0	0	4,586 27,518	702 4,210	39,662 237,970				
			Improvements Total	103,220	101,010	U	U	U	U	U	U	27,318	4,210	237,970				
			Cost by Tenure Total Block															
			SC Rented	58,803		0	0	0	0	0	0	15,378	2,353	132,983	55.88%	19	233.30	6,999.12
			Leasehold	46,423	44,566	0	0	0	0	0	0	12,140	1,857	104,987	44.12%	15	233.30	6,999.12
																34		
		Diagle Com-	mary															
		Block Sum	iliaiy															
			Block All Assets Total Incl Prelims	1,495,135	651,165	1,098,452	3,361	25,920	658,373	256,302	328,204	429,273	68,014	5,014,199				
			_		. ,	,,	,	-,	-,-	,	-,	-, -	.,-	<u> </u>				
			Cost by Tenure Total Block															
			SC Rented	1,065,087	429,443	615,324	3,361	15,968	377,328	166,485	191,388	310,930	43,906	3,219,220	55.88%	19	5,647.75	169,432.64
			Leasehold	430,047	221,722	483,128	0	9,952	281,045	89,816	136,816	118,343	24,108	1,794,978	44.12%	15	3,988.84	119,665.23
																34		

1-98 Heversham House

1-98 Heversham House																Per Dwelling	by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	tock	£ Cost/ Annum	£ Cost/ Years 1-30
I-98 Heversham House	Block	Bathrooms	0	0	0	0	0	0	C	0	0	0	0			•	
-98 Heversham House	Block	Boundaries	3,159	0	0	0	0	0	C	0	0	0	3,159				
-98 Heversham House	Block	Drainage - Above Ground	2,236	0	0	0	0	0	596	0	0	8,942	11,774				
1-98 Heversham House	Block	Electrical Installations	108,980	0	0	0	0	0	C	0	53,900	0	162,880				
1-98 Heversham House	Block	External Buildings	3,000	0	0	0	0	0	C	0	0	0	3,000				
1-98 Heversham House	Block	External Doors	0	0	0	0	0	10,749	C	0	0	5,215	15,964				
1-98 Heversham House	Block	External Wall Finish	10,275	0	0	0	0	0	C	0	0	15,990	26,265				
1-98 Heversham House	Block	External Walls	38,472	0	0	0	0	0	C	0	0	0	38,472				
1-98 Heversham House	Block	Garages	0	0	0	0	0	0	C	0	0	0	0				
1-98 Heversham House	Block	Hard Surfaces	567	0	0	0	0	0	C	48,933	0	0	49,500				
1-98 Heversham House	Block	Internal Doors	0	0	0	0	0	0	C	0	0	0	0				
1-98 Heversham House	Block	Internal Structure & Finishes	416	0	0	0	0	0	C	1,871	0	0	2,287				
1-98 Heversham House	Block	Kitchens	0	0	0	0	0	0	C	0	0	0	0				
1-98 Heversham House	Block	Laundry	0	0	0	0	0	0	C	0	0	0	0				
1-98 Heversham House	Block	Refuse	15,000	0	0	0	0	0	C	0	0	0	15,000				
1-98 Heversham House	Block	Roofs	204,421	0	0	0	0	0	C	0	0	201,499	405,920				
1-98 Heversham House	Block	Stairs & Balconies	14,875	0	0	0	0	25,965	45,180	41,744	0	19,740	147,504				
1-98 Heversham House	Block	Windows	0	0	0	0	0	0	364,194	. 0	0	0	364,194				
		Block SCS Sub Total	401,401	0	0	0	0	36,714	409,970	92,548	53,900	251,386	1,245,919				
		Specialists	,					,	,	, -	,	•					
1-98 Heversham House	Block	M & E - Communal Services	0	235,200	3,368,800	0	73,500	0	C	0	452,000	0	4,129,500				
		M & E - Lifts	39,000	0	0	0	0	0	370,000	0	0	0	409,000				
		Concrete Repairs & Coatings	143,022	0	0	0	0	3,000	·		0	3,000	271,138				
		Specialists Sub Total	182,022	235,200	3,368,800	0	73,500	3,000	370,000			3,000	4,809,638				
		·	,	,	, ,		ŕ	,	,	•	,	,	, ,				
		Preliminaries 20%	116,685	47,040	673,760	0	14,700	7,943	155,994	42,933	101,180	50,877	1,211,111				
		Associated Building Scaffolding	205,725	0	0			0	179,725			0	565,175				
		SCS Block Total	905,833	282,240	4,042,560	0	88,200	47,657	1,115,689	437,322	607,080	305,263	7,831,843				
		Cost by Tenure Total Block															
		SC Rented	656,266	204,480	2,928,793	0	63,900	34,527	808,305	316,835	439,823	221,160	5,674,091	72.45%	71	2,663.89	79,916.77
		Leasehold	249,566	77,760	1,113,767	0	24,300	13,130	307,384	120,487	167,257	84,103	2,157,753	27.55%	27	2,663.89	79,916.77
															98		
															_	D D III	
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	tock	Per Dwelling £ Cost/ Annum	£ Cost/ Years 1-30
1-98 Heversham House	Internal	Bathrooms	269,800	0	0		0	0 -10	113 11-13		0	0	269,800	70 01 10tai 3tt	JCK	L COSt/ Allifulli	L COSt/ Teals 1-30
1-98 Heversham House	Internal	Drainage - Above Ground	0	0	0	-	0	0	C		0	0	0				
1-98 Heversham House	Internal	Electrical Installations	0	0	0		5,520	25,975	21,549			22,236	106,775				
1-98 Heversham House	Internal	External Doors	0	0	0		0	0	48,600			0	51,030				
1-98 Heversham House	Internal	Internal Doors	4,435	0	0		0	0	0	•	0	0	4,435				
1-98 Heversham House	Internal	Internal Structure & Finishes	14,781	0	0	1,200	0	0	C) 0	0	0	15,981				
1-98 Heversham House	Internal	Kitchens	411,800	0	0		0	0	0	0	411,800	0	823,600				
1-98 Heversham House	Internal	Roofs	0	0	0	0	0	0	0) 0	0	0	0				
1-98 Heversham House	Internal	Stairs & Balconies	0	0	0	0	0	0	C) 0	0	0	0				
		Rented SCS Dwellings Sub Total	700,816	0	0	1,200	5,520	25,975	70,149	8,637	437,088	22,236	1,271,621				
		-															
		Specialists															
		M & E - Dwelling Services	0	0	355,000	0	0	0	C	0	0	0	355,000				
		Management - Existing Asbestos	6,257	6,257	6,257	6,257	6,257	31,285	31,285	31,285	31,285	31,285	187,710				
		Asbestos Removal	53,250	33,750	0	0	0	0	C	0	0	0	87,000				
		Specialists Sub Total	59,507	40,007	361,257	6,257	6,257	31,285	31,285	31,285	31,285	31,285	629,710				
		Fire Risk Assessment Works															
1-98 Heversham House	Int & Ext	Fire Risk Assessment - Fire upgrade works	1,001,500	0	0	0	0	0	C	0	0	0	1,001,500				
		Preliminaries 20%	352,365	8,001	72,251		2,355	11,452	20,287			10,704	580,566				
		Bowness House Rented Dwellings Total	2,114,188	48,008	433,508	8,948	14,132	68,712	121,721	47,906	562,048	64,225	3,483,397	100.00%	71	1,635.40	49,061.93
1-98 Heversham House	Int & Ext	Fire Risk Assessment - Fire upgrade works	140,750	0	0			0	0			0	140,750				
		Preliminaries 20%	28,150	0	0			0	0		0		28,150				
		Internal & FED's Leaseholders Total	168,900	0	0	0	0	0	O) 0	0	0	168,900	100.00%	27	208.52	6,255.56

March Marc	1-98 Heversham House																Per Dwelling by T	enure
Marie Mari		Туре				Year 3	Year 4	Year 5							% of Total Sto	ock		
Property of the part of the	Estate Area	Estate				-												
Part			-															
Carlo Foundament Carlo																		
Second Indicate Second Ind			-															
Second S				,		_,,			_,	-,		,,	-,	52,555				
Part Control Part Control Part P			Cost by Tenure Total Block															
Part																		843.71
Part			Leasehold	6,119	123	6,732	0	0	603	2,265	4,767	1,106	1,066	22,780	27.55%		28.12	843.71
Marie Mari																98		
Marie Mari																	Per Dwelling by T	enure
Part		Туре				Year 3									% of Total Sto	ock		
Part	Estate Cleaners Store		-															
Cat by Transfer Cat by Tra						-												
Case by Prover Total Biock Case by Prover																		
Second Process Seco			Estate Cleaners Store Total	37	U	U	U	1,704	2,700	30	2,312	307	30	7,492				
Part			Cost by Tenure Total Block															
This part This			SC Rented	27	0	0	0	1,278	1,999	41	1,820	222	41	5,428	72.45%	71	2.55	76.45
Subject Type Group Reporting Vour 1 Your 2 Your 3 Yo			Leasehold	10	0	0	0	486	760	16	692	85	16	2,064	27.55%		2.55	76.45
Secret S																98		
Secret S																	Por Dwalling by T	onuro
Elemental Recorations Decorations (Flaster & Cleaners States) Deco	Building/ Asset	Type	Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	ock		
Pecial	•	1 1/6-2													7507 1512			20, 102.10 2 22
Pelliminarisons o 150, 200 879 0 0 0 3,754 80 3,754 3,76 3,76 3,76 3,76 3,76 3,76 3,76 3,76	(Excl Specialists Concrete Coatings & Towers)		Decorations (Estate & Cleaners Stores)	0	0	4,358	0	0	4,769	411	4,358	4,769	411	19,076				
Decorations Total 16,800 5,200 5,200 5,200 5,200 5,200 5,200 5,200 2,200				0														
Script S			-															
Schemen Sche			Decorations Total	0	16,800	5,230	0	0	22,523	493	22,030	22,523	17,293	106,892				
Schemen Sche			Cost by Tenure Total Block															
Leasehold Parising P			· · · · · · · · · · · · · · · · · · ·	0	12.171	3.789	0	0	16.318	357	15.960	16.318	12.529	77.442	72.45%	71	36.36	1.090.73
Per Dueling Asset Per				0														1,090.73
Second Residency Second Resi																		
Second Residency Second Resi																		
Improvement Measures	Building/ Asset	Type	Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	ock		
10,112 0 0 0 0 0 0 0 0 0		7,75		7 50 2	100.1	100.0								170 2 00	77 07 70 101	-		24, 120.22
147,018 147,018 147,018 0 0 0 0 0 0 0 0 0	Roof Edge Protection			0	0	0	0	0	0	0	0	45,360		45,360				
Improvements Sub Total 157,130 147,018 0 0 0 0 0 0 0 0 0	•																	
Preliminaries 20% 31,426 29,404 0 0 0 0 0 0 0 0 0	Cold Bridging																	
Improvements Total 188,556 176,422 0 0 0 0 0 54,432 12,134 431,544			·															
Cost by Tenure Total Block SC Rented 136,607 127,816 0 0 0 0 0 0 0 39,435 8,791 312,649 72,45% 71 146,78 4,403,51 Leasehold 51,949 48,606 0 0 0 0 0 0 0 0 0 14,997 3,343 118,895 27,55% 27 146.78 4,403,51 Block Summary Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752 Cost by Tenure Total Block SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72,45% 71 4,513.10 135,933.10 Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72 20,000 2			-															
SC Rented 136,607 127,816 0 0 0 0 0 0 39,435 8,791 312,649 72,45% 71 146.78 4,403.51 Leasehold 51,949 48,606 0 0 0 0 0 0 0 14,997 3,343 118,895 27.55% 27 98 Block Summary Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752 Cost by Tenure Total Block SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72,45% 71 4,513.10 135,393.10 Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72			improvements rotar	100,550	170,422	· ·	Ū	o o	U	o o	O	34,432	12,134	431,344				
SC Rented 136,607 127,816 0 0 0 0 0 0 39,435 8,791 312,649 72,45% 71 146.78 4,403.51 Leasehold 51,949 48,606 0 0 0 0 0 0 0 14,997 3,343 118,895 27.55% 27 98 Block Summary Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752 Cost by Tenure Total Block SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72,45% 71 4,513.10 135,393.10 Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72			Cost by Tenure Total Block															
Block Summary Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752				136,607	127,816	0	0	0	0	0	0	39,435	8,791	312,649	72.45%	71	146.78	4,403.51
Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752			Leasehold	51,949	48,606	0	0	0	0	0	0	14,997	3,343	118,895	27.55%		146.78	4,403.51
Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752 **Cost by Tenure Total Block** **SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72.45% 71 4,513.10 135,393.10 **Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72																98		
Block All Assets Total Incl Prelims 3,399,721 523,915 4,505,731 8,948 104,096 143,840 1,246,180 527,072 1,250,405 402,843 12,112,752 **Cost by Tenure Total Block** **SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72.45% 71 4,513.10 135,393.10 **Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72		Rlack Sur	nmary															
Cost by Tenure Total Block SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72.45% 71 4,513.10 135,393.10 Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72		DIOCK SUIT	,															
SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72.45% 71 4,513.10 135,393.10 Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72			Block All Assets Total Incl Prelims	3,399,721	523,915	4,505,731	8,948	104,096	143,840	1,246,180	527,072	1,250,405	402,843	12,112,752				
SC Rented 2,923,177 392,798 3,383,792 8,948 79,310 123,141 936,380 395,057 1,060,755 309,550 9,612,910 72.45% 71 4,513.10 135,393.10 Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72			•	<u> </u>														
Leasehold 476,544 131,117 1,121,939 0 24,786 20,698 309,800 132,015 189,649 93,293 2,499,842 27.55% 27 3,086.22 92,586.72			•					_										
																		135,393.10
			Leasehold	476,544	131,117	1,121,939	0	24,786	20,698	309,800	132,015	189,649	93,293	2,499,842	27.55%	27 98	3,086.22	92,586.72

Per Dwelling by Tenure

1-5,17-21 & 33-35 Kentmere House

2 5/27 22 G 55 55 Rentmere nouse																	vening by renare	
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1	1-30
1-5,17-21 & 33-35 Kentmere House	Block	Bathrooms	0	0	0	0	0	0	0	0	0	0	0					
1-5,17-21 & 33-35 Kentmere House	Block	Boundaries	2,928	0	0	0	0	0	0) 0	0	0	2,928					
1-5,17-21 & 33-35 Kentmere House	Block	Drainage - Above Ground	1,242	0	0	0	0	0	0	0	0	3,229	4,471					
1-5,17-21 & 33-35 Kentmere House	Block	Electrical Installations	4,550	0	0	0	91	0	0	0	4,550	91	9,282					
1-5,17-21 & 33-35 Kentmere House	Block	External Buildings	0	0	0	0	0	0	0	0	0	0	0					
1-5,17-21 & 33-35 Kentmere House	Block	External Doors	0	0	0	0	0	0	2,278	3 0	0	0	2,278					
1-5,17-21 & 33-35 Kentmere House	Block	External Wall Finish	0	0	0	0	2,473	0	0	0	20,276	0	22,749					
1-5,17-21 & 33-35 Kentmere House	Block	External Walls	1,944	0	0	0	0	0	0	0	0	0	1,944					
1-5,17-21 & 33-35 Kentmere House	Block	Garages	0	0	0	0	0	0	0	0	0	0	0					
1-5,17-21 & 33-35 Kentmere House	Block	Hard Surfaces	0	454	0	0	567	0	0	1,701	0	0	2,722					
1-5,17-21 & 33-35 Kentmere House	Block	Internal Doors	265	0	0	0	0	1,325	0) 0	0	0	1,590					
1-5,17-21 & 33-35 Kentmere House	Block	Internal Structure & Finishes	1,872	0	0	0	0	0	0	0	0	0	1,872					
1-5,17-21 & 33-35 Kentmere House	Block	Kitchens	0	0	0	0	0	0	0) 0	0	0	0					
1-5,17-21 & 33-35 Kentmere House	Block	Laundry	0	0	0	0	0	0	0) 0	0	0	0					
1-5,17-21 & 33-35 Kentmere House	Block	Refuse	6,000	0	0	0	0	0	0) 0	0	0	6,000					
1-5,17-21 & 33-35 Kentmere House	Block	Roofs	37,572	0	0	0	0	0	0) 0	0	35,822	73,394					
1-5,17-21 & 33-35 Kentmere House	Block	Stairs & Balconies	2,250	0	0	0	2,160	0	0		0	7,519	23,588					
1-5,17-21 & 33-35 Kentmere House	Block	Windows	0	0	0	0	2,100	1,114	54,608	,	0	0	55,722					
1 3,17 21 & 33 33 Kentinere House	DIOCK	Block SCS Sub Total	58,623	454	0		5,291	2,439	56,886		24,826	46,661	208,540					
		Specialists	38,023	434	U	U	3,291	2,433	30,880	13,300	24,620	40,001	208,340					
1-5,17-21 & 33-35 Kentmere House	Block	M & E - Communal Services	0	15,600	440,300	0	9,750	0	0) 0	48,750	15,000	529,400					
1-5,17-21 & 55-55 Kentmere nouse	DIOCK		-					•										
		M & E - Lifts	20.350	0	0	0	0	1.036	0		0	1.036	0					
		Concrete Repairs & Coatings	29,359		440.300	0	0.750	1,026	0	-, -	49.750	1,026	51,605					
		Specialists Sub Total	29,359	15,600	440,300	0	9,750	1,026	0	20,192	48,750	16,026	581,005					
		-																
		Preliminaries 20%	17,596	3,211	88,060		3,008	693	11,377			12,537	157,909					
		Associated Building Scaffolding	25,753	0	0	0	0	0	18,553		0	0	59,149					
		SCS Block Total	131,332	19,265	528,360	0	18,049	4,158	86,816	55,105	88,291	75,225	1,006,602					
		Cost by Tenure Total Block																
		SC Rented	131,332	19,265	528,360		18,049	4,158	86,816		88,291	75,225	1,006,602	100.00%		13 2,581.0		7,430.94
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	-		00	0.00
															1	13		
																Dor Du	velling by Tenure	
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum		1-30
1-5,17-21 & 33-35 Kentmere House	Internal	Bathrooms	49,400	0	0	0	0	0			0	0	49,400	70 OI 10tal	Stock	L costy / timam	2 6034/164131	1 30
1-5,17-21 & 33-35 Kentmere House	Internal	Drainage - Above Ground	13,100	0	0	0	0	0	0		0	0	15,100					
1-5,17-21 & 33-35 Kentmere House	Internal	Electrical Installations	0	0	0	0	0	10,689	0		10,689	0	21,378					
1-5,17-21 & 33-35 Kentmere House		External Doors	0	0	0	0	0	10,089	8,394		10,089	0	8,394					
	Internal		ū	0	0	0	0	0	0,394		0	0						
1-5,17-21 & 33-35 Kentmere House	Internal	Internal Doors	7,670	0	0	-	•	•	-			0	7,670					
1-5,17-21 & 33-35 Kentmere House	Internal	Internal Structure & Finishes	649	0	ū	0	0	0	0		0	0	649					
1-5,17-21 & 33-35 Kentmere House	Internal	Kitchens	75,400	0	0	0	0	0	0		75,400	0	150,800					
1-5,17-21 & 33-35 Kentmere House	Internal	Roofs	0	0	0	0	0	0	0	,	0	0	0					
1-5,17-21 & 33-35 Kentmere House	Internal	Stairs & Balconies	0	0	0	0	0	0	0		0	0	0					
		Rented SCS Dwellings Sub Total	133,119	0	0	0	0	10,689	8,394	1 0	86,089	0	238,291					
		Specialists																
		M & E - Dwelling Services	500	500	39,500		500	750	0	,	750	0	45,500					
		Management - Existing Asbestos	924	924	924			4,620	4,620			4,620	27,720					
		Asbestos Removal	13,000	0	0	0	0	0	0	0	0	0	13,000					
		Specialists Sub Total	14,424	1,424	40,424	1,424	1,424	5,370	4,620	7,120	5,370	4,620	86,220					
		Fire Risk Assessment Works																
1-5,17-21 & 33-35 Kentmere House	Int & Ext	Fire Risk Assessment - Fire upgrade works	108,654	0	0	0	0	0	0	0	0	0	108,654					
			51,239	285	8,085	285	285	3,212	2,603	3 1,424	18,292	924	86,633					
		Preliminaries 20%																
		Preliminaries 20% _ Bowness House Rented Dwellings Total	307,436	1,709	48,509	1,709	1,709	19,271	15,617	7 8,544	109,751	5,544	519,798	100.00%	6 1	1,332.8	82 39,	9,984.46
		-			48,509	1,709	1,709	19,271	15,617	8,544	109,751	5,544	519,798	100.00%	6 1	1,332.	82 39	7,984.46
1-5,17-21 & 33-35 Kentmere House	Int & Ext	-			48,509 0	1,709	1,709 0	19,271 0	15,617		109,751 0	5,544 0	519,798 0	100.009	6 1	1,332.	82 39	9,984.46
1-5,17-21 & 33-35 Kentmere House	Int & Ext	Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	307,436	1,709	•					0				100.00%	6 1	1,332.	82 39	9,984.46
1-5,17-21 & 33-35 Kentmere House	Int & Ext	Bowness House Rented Dwellings Total	307,436	1,709	0	0	0	0	0	0 0	0 0			100.00%			82 39 <i>,</i> 00	9,984.46 0.00

1-5.17-21 & 33-35 Kentmere House

1-5,17-21 & 33-35 Kentmere House																Per Dwelling by	/ Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total S	Stock	£ Cost/ Annum £ C	Cost/ Years 1-30
Estate Area	Estate	Estate	2,455	49	0	0	-	242	909	1,913	242	49	5,859				
		M&E Estate	0	0	2,701	0		0	0	0	202	379	3,282				
		Estate Areas Sub Total	2,455		2,701	0		242	909	1,913	444	428	9,140				
		Preliminaries 20%	491 2,946	10	540	0		48	182 1,090	383 2,295	89	86	1,828 10,968				
		Estate Areas Total	2,940	59	3,241	U	0	290	1,090	2,295	533	513	10,968				
		Cost by Tenure Total Block															
		SC Rented	2,946	59	3,241	0	0	290	1,090	2,295	533	513	10,968	100.00%	13	28.12	843.72
		Leasehold	0	0	0	0		0	0	0	0	0	0	0.00%	0		0.00
															13		
																Per Dwelling by	
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2		Year 4		Yrs 06-10				Yrs 26-30	Yrs 1-30	% of Total S	Stock	£ Cost/ Annum £ C	Cost/ Years 1-30
Estate Cleaners Store		Estate Cleaners Store	4	0	0	0		305	6	278	34	6	828				
		Estate Cleaners Store Sub Total Preliminaries 20%	4	0	0	0		305 61	1	278 56	34 7	1	828 166				
		Estate Cleaners Store Total	5		0	0		366	7	333	41	7	994				
		Estate cleaners store rotar	J	Ū	Ū	·	254	300	,	333	71	,	334				
		Cost by Tenure Total Block															
		SC Rented	5	0	0	0	234	366	7	333	41	7	994	100.00%	13	2.55	76.45
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00	0.00
															13		
							1									Per Dwelling by	
Building/ Asset External & Communal Decorations	Туре		Year 1	Year 2	Year 3	Year 4		Yrs 06-10		Yrs 16-20		Yrs 26-30	Yrs 1-30	% of Total S	Stock	£ Cost/ Annum £ C	Cost/ Years 1-30
(Excl Specialists Concrete Coatings & Towers)		Decorations Decorations (Estate & Cleaners Stores)	0	3,250 0	578	0	_	3,250 633	0 55	3,250 578	3,250 633	3,250 55	16,250 2,531				
(Exci specialists concrete coatings & Towers)		Decorations (Estate & Cleaners Stores) Decorations Sub Total	0	3,250	578	0		3,883	55	3,828	3,883	3,305	18,781				
		Preliminaries 20%	0	650	116	0		777	11	766	777	661	3,756				
		Decorations Total	0		694	0	0	4,659	65	4,594	4,659	3,965	22,537				
		Cost by Tenure Total Block															
		SC Rented	0	3,900	694	0		4,659	65	4,594	4,659	3,965	22,537	100.00%	13	57.79	1,733.59
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00	0.00
															13		
																Per Dwelling by	/ Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total S	Stock		Cost/ Years 1-30
Improvement Measures	.,,,,,	5.64	700. 2	7907 -										75 07 70 111			
Roof Edge Protection			9,954	0	0	0	0	0	0	0	0	9,954	19,908				
Estate Improvements - Access			1,341	0	0	0	0	0	0	0	0	1,341	2,683				
Cold Bridging		_	0	0	0	0		0	0	0	0	0	0				
		Improvements Sub Total	11,295	0	0	0		0	0	0	0	11,295	22,591				
		Preliminaries 20%	2,259		0	0		0	0	0	0	2,259	4,518				
		Improvements Total	13,555	0	0	0	0	0	0	0	0	13,555	27,109				
		Cost by Tenure Total Block															
		SC Rented	13,555	0	0	0	0	0	0	0	0	13,555	27,109	100.00%	13	69.51	2,085.31
		Leasehold	13,555	0	0	0		0	0	0	0	13,333	0	0.00%	0		0.00
		Leasenoia	Ü	J	ŭ	Ü	ŭ	J	3	•	J	•	ŭ	0.0070	13	0.00	3.00
	Block Sum	nmary															
		_															
		Block All Assets Total Incl Prelims	455,274	24,933	580,804	1,709	19,992	28,745	103,597	70,872	203,275	98,810	1,588,008				
		Cost by Tenure Total Block						ac		mc			. =0				-
		SC Rented	455,274	24,933	580,804	1,709		28,745	103,597	70,872	203,275	98,810	1,588,008	100.00%	13	4,071.82	122,154.46
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	12	0.00	0.00
															13		

6-16, 22-32 & 36-38 Kentmere House

6-16, 22-32 & 36-38 Kentmere House																Per Dw	elling by Tenure	
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-	1-30
6-16, 22-32 & 36-38 Kentmere House	Block	Bathrooms	0	0	0	0	0	0	C	0	0	0	0			•		
6-16, 22-32 & 36-38 Kentmere House	Block	Boundaries	2,928	0	0	0	0	0	C	0	0	0	2,928					
6-16, 22-32 & 36-38 Kentmere House	Block	Drainage - Above Ground	1,242	0	0	0	0	0	C	0	0	2,732	3,974					
6-16. 22-32 & 36-38 Kentmere House	Block	Electrical Installations	8,750	0	0	0	91	0	C	0	8,750	91	17,682					
6-16. 22-32 & 36-38 Kentmere House	Block	External Buildings	0	0	0	0	0	0	0	_	0	0	0					
6-16, 22-32 & 36-38 Kentmere House	Block	External Doors	0	0	0	-	0	0	2,278	-	0	0	2,278					
6-16, 22-32 & 36-38 Kentmere House	Block	External Wall Finish	0	0	0	-	2,473	0	2,270		60,580	0	63,053					
6-16, 22-32 & 36-38 Kentmere House	Block	External Walls	1,215	0	0		2,473	0	0		00,580	0	1,215					
,			1,213	0	0	-	0	0	0	_	0	0	1,215					
6-16, 22-32 & 36-38 Kentmere House	Block	Garages	_	•	-	-	-	0	-	_	-	0	-					
6-16, 22-32 & 36-38 Kentmere House	Block	Hard Surfaces	0	454	0	-	567	0	C	, -	0	0	2,722					
6-16, 22-32 & 36-38 Kentmere House	Block	Internal Doors	265	0	0	-	0	1,325	0	_	0	0	1,590					
6-16, 22-32 & 36-38 Kentmere House	Block	Internal Structure & Finishes	1,872	0	0	-	0	0	C		0	0	1,872					
6-16, 22-32 & 36-38 Kentmere House	Block	Kitchens	0	0	0	-	0	0	C		0	0	0					
6-16, 22-32 & 36-38 Kentmere House	Block	Laundry	0	0	0	•	0	0	C		0	0	0					
6-16, 22-32 & 36-38 Kentmere House	Block	Refuse	6,000	0	0	0	0	0	C	0	0	0	6,000					
6-16, 22-32 & 36-38 Kentmere House	Block	Roofs	77,452	0	0	0	0	0	C	0	0	75,702	153,154					
6-16, 22-32 & 36-38 Kentmere House	Block	Stairs & Balconies	2,250	0	0	0	2,160	0	C	19,193	0	7,519	31,122					
6-16, 22-32 & 36-38 Kentmere House	Block	Windows	0	0	0	0	0	1,114	97,514	0	0	0	98,628					
		Block SCS Sub Total	101,974	454	0	0	5,291	2,439	99,792	20,894	69,330	86,044	386,218					
		Specialists	- ,-				-, -	,		-,	,	,-	,					
6-16, 22-32 & 36-38 Kentmere House	Block	M & E - Communal Services	0	30,000	831,500	0	18,750	0	C	0	93,750	15,000	989,000					
0 10, 22 32 & 30 30 Kentinere House	DIOCK	M & E - Lifts	0	0	031,300		0	0	0	-	0	0	0					
			56,461	0	0	-	0	1,974	0	_	0	1,974	99,239					
		Concrete Repairs & Coatings							0				1,088,239					
		Specialists Sub Total	56,461	30,000	831,500	0	18,750	1,974	Ü	38,832	93,750	16,974	1,088,239					
		P. J.	24.507	6.004	466 200		4.000	002	40.050	44.045	22.646	20.604	204.004					
		Preliminaries 20%	31,687	6,091	166,300			883	19,958		32,616	20,604	294,891					
		Associated Building Scaffolding	41,984	0	0			0	34,784		0	0	104,594					
		SCS Block Total	232,105	36,545	997,800	0	28,849	5,295	154,534	99,498	195,696	123,621	1,873,943					
		Cost by Tenure Total Block																
		Cost by Tenure Total Block SC Rented	213,537	33,621	917,976		,	4,872	142,171		180,040	113,732	1,724,028	92.00%	23			,957.73
		•	213,537 18,568	33,621 2,924	917,976 79,824			4,872 424	142,171 12,363		180,040 15,656	113,732 9,890	1,724,028 149,915	92.00% 8.00% _	2	2,498.5		,957.73 ,957.73
		SC Rented														2,498.5		
		SC Rented													2	2,498.5	59 74,9	
Building/ Asset	Type	SC Rented Leasehold	18,568	2,924	79,824	0	2,308	424	12,363	7,960	15,656	9,890	149,915	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
Building/ Asset	Type Internal	SC Rented Leasehold Group_Reporting	18,568 Year 1	2,924 Year 2	79,824 Year 3	Year 4	2,308 Year 5	424 Yrs 06-10	12,363 Yrs 11-15	7,960 Yrs 16-20	15,656 Yrs 21-25	9,890	149,915 Yrs 1-30		2	2,498.5	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House	Internal	SC Rented Leasehold Group_Reporting Bathrooms	18,568 Year 1 87,400	2,924 Year 2 0	79,824 Year 3	Year 4 0	2,308 Year 5	Yrs 06-10 0	12,363 Yrs 11-15	7,960 Yrs 16-20	15,656 Yrs 21-25 0	9,890 Yrs 26-30	149,915 Yrs 1-30 87,400	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal	SC Rented Leasehold Group_Reporting Bathrooms Drainage - Above Ground	18,568 Year 1 87,400 0	2,924 Year 2 0 0	79,824 Year 3 0	Year 4 0 0	2,308 Year 5 0 0	Yrs 06-10 0	12,363 Yrs 11-15	7,960 Yrs 16-20 0 0	15,656 Yrs 21-25 0 0	9,890 Yrs 26-30 0	149,915 Yrs 1-30 87,400 0	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House	Internal	SC Rented Leasehold Group_Reporting Bathrooms	18,568 Year 1 87,400	2,924 Year 2 0	79,824 Year 3	Year 4 0 0	2,308 Year 5	Yrs 06-10 0	12,363 Yrs 11-15	7,960 Yrs 16-20 0 0	15,656 Yrs 21-25 0	9,890 Yrs 26-30	149,915 Yrs 1-30 87,400	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal	SC Rented Leasehold Group_Reporting Bathrooms Drainage - Above Ground	18,568 Year 1 87,400 0	2,924 Year 2 0 0	79,824 Year 3 0	Year 4 0 0	2,308 Year 5 0 0	Yrs 06-10 0	12,363 Yrs 11-15	7,960 Yrs 16-20 0 0 0	15,656 Yrs 21-25 0 0	9,890 Yrs 26-30 0	149,915 Yrs 1-30 87,400 0	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations	Year 1 87,400 0	2,924 Year 2 0 0	79,824 Year 3 0 0 0	Year 4 0 0 0 0 0 0	2,308 Year 5 0 0 1,380	Yrs 06-10 0 0 22,449	12,363 Yrs 11-15 C 1,380	7,960 Yrs 16-20 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829	9,890 Yrs 26-30 0 0	Yrs 1-30 87,400 0 49,038	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors	Year 1 87,400 0 0	Year 2 0 0 0 0	79,824 Year 3 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0	Yrs 06-10 0 0 22,449 0	12,363 Yrs 11-15 C C 1,380 13,990	7,960 Yrs 16-20 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0	9,890 Yrs 26-30 0 0 0	Yrs 1-30 87,400 0 49,038 13,990	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes	Year 1 87,400 0 0 10,620 1,526	Year 2 0 0 0 0	79,824 Year 3 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0	Yrs 06-10 0 0 22,449 0 0	Yrs 11-15 C C 1,380 13,990	7,960 Yrs 16-20 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 0	9,890 Yrs 26-30 0 0 0 0 0	Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens	Year 1 87,400 0 0 10,620	Year 2 0 0 0 0	79,824 Year 3 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0 0	Yrs 06-10 0 0 22,449 0 0	Yrs 11-15 C C 1,380 13,990 C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400	9,890 Yrs 26-30 0 0 0 0 0	Yrs 1-30 87,400 0 49,038 13,990 10,620	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	Year 1 87,400 0 0 10,620 1,526 133,400	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	79,824 Year 3 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0 0 0 0 0 0	Yrs 06-10 0 0 22,449 0 0	Yrs 11-15 C 1,380 13,990 C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0	9,890 Yrs 26-30 0 0 0 0 0	Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies	Year 1 87,400 0 0 10,620 1,526 133,400 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	79,824 Year 3 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 22,449 0 0 0 0	Yrs 11-15 C 1,380 13,990 C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 0	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	Year 1 87,400 0 0 10,620 1,526 133,400	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	79,824 Year 3 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 22,449 0 0	Yrs 11-15 C 1,380 13,990 C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0	9,890 Yrs 26-30 0 0 0 0 0	Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total	Year 1 87,400 0 0 10,620 1,526 133,400 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	79,824 Year 3 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 22,449 0 0 0 0	Yrs 11-15 C 1,380 13,990 C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 0	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946	2,924 Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	79,824 Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2,308 Year 5 0 0 1,380 0 0 0 0 1,380	Yrs 06-10 0 0 22,449 0 0 0 0 22,449 22,449	12,363 Yrs 11-15 C 1,380 13,990 C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946	2,924 Year 2 0 0 0 0 0 0 0 0 0 1,000	79,824 Year 3 0 0 0 0 0 0 0 0 70,000	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,000	2,308 Year 5 0 0 1,380 0 0 0 1,380 1,380	Yrs 06-10 0 0 22,449 0 0 0 22,449 22,449	12,363 Yrs 11-15 C 1,380 13,990 C C C 15,370	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	Year 1 87,400 0 10,620 1,526 133,400 0 232,946	2,924 Year 2 0 0 0 0 0 0 0 0 1,000 1,635	79,824 Year 3 0 0 0 0 0 0 0 0 70,000 1,635	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 1,000 1,635	2,308 Year 5 0 0 1,380 0 0 0 1,380 1,380 1,000 1,635	Yrs 06-10 0 0 22,449 0 0 0 22,449 1,250 8,175	12,363 Yrs 11-15 C 1,380 13,990 C C 15,370 C 8,175	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	Year 1 87,400 0 0 10,620 1,526 133,400 0 0 232,946 1,000 1,635 23,000	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,635 0 0	79,824 Year 3 0 0 0 0 0 0 70,000 1,635	Year 4 0 0 0 0 0 0 0 0 0 0 1,000 1,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,380 1,000 1,635 0	Yrs 06-10 0 0 22,449 0 0 0 22,449 1,250 8,175 0	12,363 Yrs 11-15 C C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	Year 1 87,400 0 10,620 1,526 133,400 0 232,946	2,924 Year 2 0 0 0 0 0 0 0 0 1,000 1,635	79,824 Year 3 0 0 0 0 0 0 0 0 70,000 1,635	Year 4 0 0 0 0 0 0 0 0 0 0 1,000 1,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,380 1,000 1,635 0	Yrs 06-10 0 0 22,449 0 0 0 22,449 1,250 8,175	12,363 Yrs 11-15 C 1,380 13,990 C C 15,370 C 8,175	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	Year 1 87,400 0 0 10,620 1,526 133,400 0 0 232,946 1,000 1,635 23,000	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,635 0 0	79,824 Year 3 0 0 0 0 0 0 70,000 1,635	Year 4 0 0 0 0 0 0 0 0 0 0 1,000 1,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,380 1,000 1,635 0	Yrs 06-10 0 0 22,449 0 0 0 22,449 1,250 8,175 0	12,363 Yrs 11-15 C C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635	Year 2 0 0 0 0 0 0 0 1,635 0 2,635	79,824 Year 3 0 0 0 0 0 0 70,000 1,635	Year 4 0 0 0 0 0 0 0 0 0 0 1,000 1,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,380 1,000 1,635 0	Yrs 06-10 0 0 22,449 0 0 0 22,449 1,250 8,175 0	12,363 Yrs 11-15 C C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	Year 1 87,400 0 0 10,620 1,526 133,400 0 0 232,946 1,000 1,635 23,000	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1,635 0 0	79,824 Year 3 0 0 0 0 0 0 70,000 1,635	Year 4 0 0 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,380 1,000 1,635 0 2,635	Yrs 06-10 0 0 22,449 0 0 0 22,449 1,250 8,175 0	12,363 Yrs 11-15 C C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 5,000 8,175 0 13,175	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635	Year 2 0 0 0 0 0 0 0 1,635 0 2,635	79,824 Year 3 0 0 0 0 0 70,000 1,635 0 71,635	Year 4 0 0 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,380 1,000 1,635 0 2,635	Yrs 06-10 0 0 22,449 0 0 0 22,449 22,449 1,250 8,175 0 9,425	12,363 Yrs 11-15 C C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 5,000 8,175 0 13,175	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0 9,425	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 8,175 0 8,175	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635	2,924 Year 2 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	79,824 Year 3 0 0 0 0 0 0 0 0 70,000 1,635 0 71,635	Year 4 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,000 1,635 0 2,635	1,250 8,175 0 6,375	12,363 Yrs 11-15 C 1,380 13,990 C C C C 15,370 C 8,175 C 8,175	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 5,000 8,175 0 13,175	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0 9,425	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 8,175 0 8,175	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550	8.00% _	2 25	2,498.5 Per Dw	elling by Tenure	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635	2,924 Year 2 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	79,824 Year 3 0 0 0 0 0 0 0 70,000 1,635 0 71,635	Year 4 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,000 1,635 0 2,635	Yrs 06-10 0 0 22,449 0 0 0 0 22,449 1,250 8,175 0 9,425	12,363 Yrs 11-15 C 1,380 13,990 C C C C C 8,175 C 8,175	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 5,000 8,175 0 13,175	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0 9,425	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 8,175 0 8,175	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550	8.00% _	2 25	2,498.5 Per Dw £ Cost/ Annum	elling by Tenure E Cost/ Years 1-	,957.73
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635 192,234	2,924 Year 2 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	79,824 Year 3 0 0 0 0 0 0 0 0 70,000 1,635 0 71,635	Year 4 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,000 1,635 0 2,635	1,250 8,175 0 6,375	12,363 Yrs 11-15 C 1,380 13,990 C C C C 15,370 C 8,175 C 8,175	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 5,000 8,175 0 13,175	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0 9,425	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 8,175 0 8,175 0 1,635	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550 192,234	% of Total	2 25 Stock	2,498.5 Per Dw £ Cost/ Annum	elling by Tenure E Cost/ Years 1-	1-30
6-16, 22-32 & 36-38 Kentmere House 6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Fire Risk Assessment - Fire upgrade works	Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635 192,234	2,924 Year 2 0 0 0 0 0 0 0 1,000 1,635 0 2,635 0 527 3,162	79,824 Year 3 0 0 0 0 0 0 0 0 70,000 1,635 0 71,635	Year 4 0 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,000 1,635 0 2,635 0 803 4,818	1,250 8,175 0 6,375	12,363 Yrs 11-15 C 1,380 13,990 C C C C 15,370 C 8,175 C 8,175	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0 9,425	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 8,175 0 8,175 0 1,635	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550 192,234	% of Total	2 25 Stock	2,498.5 Per Dw £ Cost/ Annum	elling by Tenure E Cost/ Years 1-	1-30
6-16, 22-32 & 36-38 Kentmere House	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	18,568 Year 1 87,400 0 0 10,620 1,526 133,400 0 232,946 1,000 1,635 23,000 25,635 192,234 90,163 540,978	2,924 Year 2 0 0 0 0 0 0 0 1,000 1,635 0 2,635	79,824 Year 3 0 0 0 0 0 0 70,000 1,635 0 14,327 85,962	Year 4 0 0 0 0 0 0 0 0 0 0 0 1,000 1,635 0 2,635	2,308 Year 5 0 0 1,380 0 0 0 0 1,380 1,000 1,635 0 2,635 0 803 4,818	1,250 8,175 0 9,425 38,249	12,363 Yrs 11-15 C C C C C C C C C C C C C C C C C C C	7,960 Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15,656 Yrs 21-25 0 0 23,829 0 0 133,400 0 157,229 1,250 8,175 0 9,425 0 33,331 199,985	9,890 Yrs 26-30 0 0 0 0 0 0 0 0 0 0 0 8,175 0 8,175 0 1,635 9,810	149,915 Yrs 1-30 87,400 0 49,038 13,990 10,620 1,526 266,800 0 429,374 81,500 49,050 23,000 153,550 192,234 155,032 930,190	% of Total	2 25 Stock	2,498.5 Per Dw £ Cost/ Annum	elling by Tenure E Cost/ Years 1-	1-30

6-16, 22-32 & 36-38 Kentmere House

6-16, 22-32 & 36-3	38 Kentmere House																Per Dwe	lling by Tenure
,	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Estate Area	-	Estate	Estate	4,721		0	0		465	1,748		465	95	11,267			•	•
			M&E Estate	0	0	5,194	0	0	0	0		388	728	6,311				
			Estate Areas Sub Total Preliminaries 20%	4,721 944		5,194 1,039	0		465 93	1,748 350		854 171	823 165	17,577 3,515				
			Estate Areas Total			6,233	0		558	2,097		1,024	987	21,093				
				5,555		-,	_	_		_,	,	_,:	-	,				
			Cost by Tenure Total Block															
			SC Rented	5,212		5,734			514	1,929		942	908	19,405	92.00%			
			Leasehold	453	9	499	0	0	45	168	353	82	79	1,687	8.00%		28.12	2 843.71
																2	5	
																	Per Dwe	lling by Tenure
	Building/ Asset	Туре		Year 1	Year 2	Year 3	Year 4		Yrs 06-10		Yrs 16-20		Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Estate Cleaners Store			Estate Cleaners Store	8	0	0	0		587	12		65	12	1,593				
			Estate Cleaners Store Sub Total Preliminaries 20%	8	0	0	0		587 117	12 2		65 13	12 2	1,593 319				
			Estate Cleaners Store Total	9		0	0		704	14		78	14	1,911				
														,-				
			Cost by Tenure Total Block															
			SC Rented	9		0	0		648	13		72	13	1,758	92.00%			
			Leasehold	1	0	U	0	36	56	1	51	6	1	153	8.00%	2	<u>2</u> 2.5!	5 76.45
																2	3	
																	Per Dwe	lling by Tenure
	Building/ Asset	Туре		Year 1	Year 2	Year 3	Year 4		Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
External & Communal Deco			Decorations (5.1.1.0.0)	0	6,250	0	0	-	6,250	0	-,	6,250	6,250	31,250				
(Excl Specialists Concrete C	oatings & Towers)		Decorations (Estate & Cleaners Stores) Decorations Sub Total	0	6,250	1,112 1,112	0		1,217 7,467	105 105		1,217 7,467	105 6,355	4,866 36,116				
			Preliminaries 20%	0		222			1,493	21		1,493	1,271	7,223				
			Decorations Total	0	7,500	1,334	0	0	8,960	126	8,834	8,960	7,626	43,340				
			Cost by Tenure Total Block SC Rented	0	6,900	1,227	0	0	8,243	116	8,127	8,243	7,016	39,873	92.00%	, 1	2 57.70	1 722 50
			Leasehold	0		107			717	10		717	610	3,467	8.00%		3 57.79 2 57.79	
														2,121		2		_,
	Puilding / Accot	Typo	Group Reporting	Year 1	Voor 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	f Cost/ Years 1-30
Improvement Measures	Building/ Asset	Туре	Group_Reporting	rear 1	Year 2	real 5	real 4	rear 5	112 00-10	112 11-12	115 10-20	115 21-25	115 20-30	112 1-20	% 01 TOTAL	Stock	£ COSt/ Allium	E COST/ Years 1-30
Roof Edge Protection				16,380	0	0	0	0	0	0	0	0	16,380	32,760				
Estate Improvements - Acc	ess			2,580	0	0	0	0	0	0	0	0	2,580	5,160				
Cold Bridging				0	0	0	0		0	0		0	0	0				
			Improvements Sub Total Preliminaries 20%	18,960 3,792		0	0		0	0		0	18,960 3,792	37,920 7,584				
			Improvements Total	22,752		0	0		0	0		0	22,752	45,504				
			,															
			Cost by Tenure Total Block															
			SC Rented	20,932		0	0	0	0	0	0	0	20,932	41,864	92.00%			
			Leasehold	1,820	0	0	0	0	0	0	0	0	1,820	3,640	8.00%	6		7 1,820.16
																	3	
		Block Sun	nmary															
			Block All Assets Total Incl Prelims	813,210	47,320	1,091,329	3,162	34,117	53,766	185,025	129,196	405,743	164,811	2,927,681				
				813,210	47,320	1,091,329	3,162	34,117	53,766	185,025	129,196	405,743	164,811	2,927,681				
			Cost by Tenure Total Block												92.00%	6 2	3 3.995 8	2 119.874 67
				780,667 32,543	43,788	1,010,900 80,429	3,162	31,773	53,766 52,525 1,241	185,025 172,484 12,542	120,126	389,283 16,461	152,411 12,400	2,927,681 2,757,117 170,563	92.00% 8.00%		3 3,995.8. 2 2,842.7	

Per Dwelling by Tenure

1-8 Hillbeck Close

Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
1-8 Hillbeck Close	Block	Bathrooms	0	0	0			0	0	0	0	0	0	70 01 10001	Stock	2 0000 / 111110111	2 0000 10010 2 00
1-8 Hillbeck Close	Block	Boundaries	2,104	0	0) () 0	0	0	3,442	3,713	0	9,259				
1-8 Hillbeck Close	Block	Drainage - Above Ground	298	0	0) () 0	0	0) 0,1.12	0,710	696	994				
1-8 Hillbeck Close	Block	Electrical Installations	0	4,400	0) (0	0	55		4,400	0	8,855				
1-8 Hillbeck Close	Block	External Buildings	0	-,-00	0) () 0	5,953			0	5,953	11,906				
1-8 Hillbeck Close	Block	External Doors	0	0	0	, ,) 0	0,933	977		0	0,955	977				
		External Wall Finish	0	0	0	, (0	9//		0	0					
1-8 Hillbeck Close	Block		0	0	0) (989	0	0	0	0	0	989				
1-8 Hillbeck Close	Block	External Walls	ū	0	U) (0	•	0	0	0	Ū	0				
1-8 Hillbeck Close	Block	Garages	0	0	0) (0	0		0	0	0				
1-8 Hillbeck Close	Block	Hard Surfaces	3,016	0	0) (0	0	0) 0	0	0	3,016				
1-8 Hillbeck Close	Block	Internal Doors	0	0	0) (0	0	0) 0	0	0	0				
1-8 Hillbeck Close	Block	Internal Structure & Finishes	803	0	0) (322	0	0	5,196	0	6,559	12,880				
1-8 Hillbeck Close	Block	Kitchens	0	0	0) (0	0	0	0	0	0	0				
1-8 Hillbeck Close	Block	Laundry	0	0	0) (0	0	0	0	0	0	0				
1-8 Hillbeck Close	Block	Refuse	0	0	0) (0	0	1,000	0	0	0	1,000				
1-8 Hillbeck Close	Block	Roofs	0	1,847	0) (32,268	0	0	0	0	31,026	65,141				
1-8 Hillbeck Close	Block	Stairs & Balconies	0	0	0) (0	5,939	0	1,611	351	0	7,901				
1-8 Hillbeck Close	Block	Windows	0	0	0) (15,498		3,343		0	9,279	28,120				
		Block SCS Sub Total	6,221	6,247	0) (11,892			8,464	53,513	151,038				
		Specialists	0,221	0,247	·	,	45,077	11,032	3,373	10,243	0,404	33,313	131,030				
1-8 Hillbeck Close	Block	M & E - Communal Services	0	9,600	296,800) (6,000	0	0) 0	38,000	17,000	367,400				
1-6 Hillbeck Close	DIUCK		0				0,000	0	0) 0		17,000					
		M & E - Lifts	-	0	0		0		0	-	-		0				
		Concrete Repairs & Coatings	15,174		0		0	750		,		750	26,975				
		Specialists Sub Total	15,174	9,600	296,800) (6,000	750	0	10,301	38,000	17,750	394,375				
		<u>-</u>															
		Preliminaries 20%	4,279	3,169	59,360) (,	2,528	1,075			14,253	109,083				
		Associated Building Scaffolding _	16,140	0	0) (12,640	0	0	12,640	16,140	0	57,560				
		SCS Block Total	41,814	19,016	356,160) (78,732	15,170	6,450	37,299	71,897	85,516	712,055				
		Cost by Tenure Total Block															
		SC Rented	41,814	19,016	356,160) (78,732	15,170	6,450	37,299	71,897	85,516	712,055	100.00%	8	2,966.90	89,006.91
		Leasehold	0	0	0) (0	0	0	0	0	0	0	0.00%	0	0.00	0.00
		Leasehold	0	0	0) (0	0	0	0	0	0	0	0.00%	<u>0</u> 8	0.00	0.00
		Leasehold	0	0	0) (0	0	0	0	0	0	0	0.00%	8	0.00	0.00
															8	Per Dwellin	g by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	0 Year 2	0 Year 3) (Year 4) 0 Year 5	0 Yrs 06-10	0 Yrs 11-15	9 Yrs 16-20	0 Yrs 21-25	Vrs 26-30	Yrs 1-30	0.00% % of Total	8	Per Dwellin	
1-8 Hillbeck Close	Internal	Group_Reporting Bathrooms	Year 1 30,400			Year 4					Yrs 21-25	Yrs 26-30 0	Yrs 1-30 30,400		8	Per Dwellin	g by Tenure
		Group_Reporting	Year 1		Year 3	Year 4		Yrs 06-10	Yrs 11-15 0 0	Yrs 16-20 0	Yrs 21-25	Yrs 26-30 0	Yrs 1-30 30,400 292		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal	Group_Reporting Bathrooms	Year 1 30,400		Year 3	Year 4		Yrs 06-10 0		Yrs 16-20 0	Yrs 21-25	Yrs 26-30 0	Yrs 1-30 30,400		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close 1-8 Hillbeck Close	Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground	Year 1 30,400 0		Year 3	Year 4		Yrs 06-10 0	Yrs 11-15 0 0	Yrs 16-20 0	Yrs 21-25 0 292	Yrs 26-30 0	Yrs 1-30 30,400 292		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close 1-8 Hillbeck Close 1-8 Hillbeck Close	Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations	Year 1 30,400 0 0		Year 3	Year 4) (0		Yrs 06-10 0 0	Yrs 11-15 0 0	Yrs 16-20 0 0 0 0 0	Yrs 21-25 0 292	Yrs 26-30 0 0 1,068	Yrs 1-30 30,400 292 2,136		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close 1-8 Hillbeck Close 1-8 Hillbeck Close 1-8 Hillbeck Close	Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors	Year 1 30,400 0 0	Year 2 0 0 0 0	Year 3 0 0 0	Year 4 0 0 0	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0	Yrs 11-15 0 0 1,068	Yrs 16-20 0 0 0 0 0 0	Yrs 21-25 0 292 0	Yrs 26-30 0 0 1,068 0	Yrs 1-30 30,400 292 2,136 0		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes	Year 1 30,400 0 0 0 0 1,320	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0	Year 4 O	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080	Yrs 16-20 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0	Yrs 26-30 0 0 1,068 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens	Year 1 30,400 0 0 0 0 1,320 46,400	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0	Year 4) (0) (0) (0) (0) (0) (0) (0) (0) (0) (0	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080	Yrs 16-20 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 0 46,400	Yrs 26-30 0 0 1,068 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	Year 1 30,400 0 0 0 0 1,320	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0	Year 4)) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080	Yrs 16-20 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0	Yrs 26-30 0 0 0 1,068 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies	Year 1 30,400 0 0 0 0 1,320 46,400 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 0 46,400 0	Yrs 26-30 0 0 1,068 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	Year 1 30,400 0 0 0 0 1,320 46,400	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 0 46,400 0	Yrs 26-30 0 0 0 1,068 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total	Year 1 30,400 0 0 0 0 1,320 46,400 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 0 46,400 0	Yrs 26-30 0 0 1,068 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists	Year 1 30,400 0 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 1,068	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services	Year 1 30,400 0 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	Year 1 30,400 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 O	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845	Yrs 26-30 0 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	Year 1 30,400 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4)) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028 24,000 17,070 11,700		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	Year 1 30,400 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4)) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0	Yrs 26-30 0 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	Year 1 30,400 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4)) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028 24,000 17,070 11,700		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	Year 1 30,400 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4)) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028 24,000 17,070 11,700		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	Year 1 30,400 0 0 1,320 46,400 0 78,120	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 0 11,700 0 12,269	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0 2,845	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 0 134,028 24,000 17,070 11,700		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	Year 1 30,400 0 0 1,320 46,400 0 78,120 0 569 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24,000 569 0 24,569	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 0 11,700 0 12,269	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0 2,845	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	Year 1 30,400 0 0 1,320 46,400 0 78,120 0 569 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 O	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0 0	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770		8	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	Year 1 30,400 0 0 1,320 46,400 0 78,120 46,400 47,304	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 O	Year 5 0 11,700 0 12,269	Vrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 21-25 0 292 0 0 46,400 0 46,692 0 2,845 0 2,845 0	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770 47,304	% of Total	8	Per Dwellin	g by Tenure £ Cost/ Years 1-30
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Group_Reporting Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	Year 1 30,400 0 0 0 1,320 46,400 0 78,120 0 569 0 569 47,304	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 O	Year 5 0 11,700 0 12,269	Vrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 11-15 0 0 1,068 0 7,080 0 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0 2,845	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770		Stock Stock	Per Dwellin	g by Tenure
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	Year 1 30,400 0 0 0 1,320 46,400 0 78,120 0 569 0 47,304 25,199 151,192	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569 0 114 683	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 24,000 569 0 24,569	Year 4) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0 11,700 0 12,269 0 0 14 2,454 14,723	Vrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 11-15 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9,907 992 0 292 0 46,400 0 46,692	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770 47,304 46,820 280,922	% of Total	Stock Stock	Per Dwellin	g by Tenure £ Cost/ Years 1-30
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	Year 1 30,400 0 0 1,320 46,400 0 78,120 0 569 47,304 25,199 151,192	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569 0 114 683	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24,000 569 0 24,569 0 4,914 29,483	Year 4)) (0) (0) (0) (0) (0) (0) (0) (0) (0)	Year 5 0 11,700 0 12,269 0 0 14 2,454 14,723	Vrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845	Yrs 11-15 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 0 2,845 0 2,845 0 9,907 59,444	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770 47,304 46,820 280,922	% of Total	Stock Stock	Per Dwellin	g by Tenure £ Cost/ Years 1-30
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20%	Year 1 30,400 0 0 1,320 46,400 0 78,120 0 569 0 47,304 25,199 151,192 0 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569 0 114 683 0 0	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24,000 569 0 24,569 0 4,914 29,483	Year 4 O	Year 5 0 11,700 0 12,269 0 14 2,454 3 14,723	Vrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845 0 3,414 0 0	Yrs 11-15 0 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845 0 2,199 13,192	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 2,845 0 2,845 0 9,907 59,444	Yrs 26-30 0 0 0 1,068 0 0 0 0 0 0 0 1,068 0 2,845 0 2,845 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770 47,304 46,820 280,922	% of Total	Stock 8	Per Dwellin, £ Cost/ Annum	g by Tenure £ Cost/ Years 1-30 35,115.30
1-8 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	Year 1 30,400 0 0 1,320 46,400 0 78,120 0 569 47,304 25,199 151,192	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 569 0 569 0 114 683	Year 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 24,000 569 0 24,569 0 4,914 29,483	Year 4 O	Year 5 0 11,700 0 12,269 0 14 2,454 3 14,723	Vrs 06-10 0 0 0 0 0 0 0 0 0 0 0 0 2,845 0 2,845 0 3,414 0 0	Yrs 11-15 0 1,068 0 7,080 0 0 8,148 0 2,845 0 2,845	Yrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 21-25 0 292 0 0 0 46,400 0 46,692 2,845 0 2,845 0 9,907 59,444	Yrs 26-30 0 0 1,068 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 1-30 30,400 292 2,136 0 7,080 1,320 92,800 0 134,028 24,000 17,070 11,700 52,770 47,304 46,820 280,922	% of Total	Stock Stock	Per Dwellin	g by Tenure £ Cost/ Years 1-30

1-8 Hillbeck Close

1-8 Hillbeck Close															Per Dwelling	by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Estate Area		rate	1,511	30	0	0	0		559	1,177	149	30	3,605			
	IVIč	&E Estate Estate Areas Sub Total	0 1,511	30	1,662 1,662	0	0	0 149	559	0 1,177	124 273	233 263	2,019 5,625			
		Preliminaries 20%	302	6	332	0			112	235	55	53	1,125			
		Estate Areas Total	1,813	36	1,995	0			671	1,412	328	316	6,750			
	Cos	st by Tenure Total Block														
		SC Rented	1,813	36	1,995	0	0		671	1,412	328	316	6,750	100.00%		843.71
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00	0.00
														d	,	
															Per Dwelling	by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Estate Cleaners Store	Est	tate Cleaners Store	2	0	0	0	120		4		21	4	510			
		Estate Cleaners Store Sub Total	2	0	0	0	120		4	171	21	4	510			
		Preliminaries 20% _ Estate Cleaners Store Total	<u>0</u>	0	0	0	24 144		15	34 205	25	1 5	102 612			
		Estate Cleaners Store rotal	3	U	U	U	144	223	3	203	23	3	012			
	Cos	st by Tenure Total Block														
		SC Rented	3	0	0	0	144	225	5	205	25	5	612	100.00%	8 2.55	76.45
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00	0.00
														8	3	
															Dor Durollina	by Tanura
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Stock	Per Dwelling £ Cost/ Annum	£ Cost/ Years 1-30
External & Communal Decorations		corations	0	3,200	0	0	0		0	3,200	3,200	3,200	16,000	70 01 10td1 0t00K	2 0054 7 1111 1111	2 00347 104.5 2 30
(Excl Specialists Concrete Coatings & Towers)	De	corations (Estate & Cleaners Stores)	0	0	356	0	0	389	34	356	389	34	1,557			
		Decorations Sub Total	0	3,200	356	0	0	-,	34	3,556	3,589	3,234	17,557			
		Preliminaries 20%	0	640	71	0	0		7	711	718	647	3,511			
		Decorations Total	0	3,840	427	0	0	4,307	40	4,267	4,307	3,880	21,069			
	Cos	st by Tenure Total Block														
	co.	SC Rented	0	3,840	427	0	0	4,307	40	4,267	4,307	3,880	21,069	100.00%	8 87.79	2,633.59
		Leasehold	0	0	0	0	0		0	0	0	0	0		0.00	0.00
														8	3	
															"	
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Stock	Per Dwelling £ Cost/ Annum	f by Tenure £ Cost/ Years 1-30
Improvement Measures	Туре	Group_keporting	real 1	Teal Z	real 5	Teal 4	Tedi 5	113 00-10	112 11-12	115 10-20	113 21-23	115 20-50	112 1-20	% of Total Stock	E Cost/ Allium	E COST/ Fedis 1-30
Roof Edge Protection			7,560	0	0	0	0	0	0	0	0	7,560	15,120			
Estate Improvements - Access			826	0	0	0	0	0	0	0	0	826	1,652			
Cold Bridging		_	0	0	0	0	0		0	0	0	0	0			
		Improvements Sub Total	8,386	0	0	0	0		0	0	0	8,386	16,772			
		Preliminaries 20%_	1,677 10,063	0	0	0	0		0	0	0	1,677 10,063	3,354 20,126			
		Improvements Total	10,003	U	0	U	U	U	0	U	O	10,003	20,120			
	Cos	st by Tenure Total Block														
		SC Rented	10,063	0	0	0	0	0	0	0	0	10,063	20,126	100.00%	8 83.86	2,515.80
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00	0.00
														8	3	
	Diade Com															
	Block Summary	У														
		Block All Assets Total Incl Prelims	204,885	23,576	388,064	683	93,599	23,295	20,358	46,598	136,001	104,475	1,041,534			
		_		-,			-,	-,	-,	-,	, -					
	Cos	st by Tenure Total Block														
		SC Rented	204,885	23,576	388,064	683	93,599		20,358	46,598	136,001	104,475	1,041,534		8 4,339.73	130,191.76
		Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0.00	0.00
														8	3	

9-16 Hillbeck Close

9-16 Hillbeck Close																Per Dwe	lling by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
16 Hillbeck Close	Block	Bathrooms	0	0	0	0	0	0	C	0	0	0	0				
16 Hillbeck Close	Block	Boundaries	2,104	0	0	0	0	0	C	3,442	3,713	0	9,259				
16 Hillbeck Close	Block	Drainage - Above Ground	298	0	0	0	0	0	C		0	696	994				
16 Hillbeck Close	Block	Electrical Installations	0	4,400	0	0	0	0	55		4,400	0	8,855				
16 Hillbeck Close	Block	External Buildings	0	0	0	0	~	5,953	(0	5,953	11,906				
-16 Hillbeck Close	Block	External Doors	0	0	0	0	0	0	977 (0	0	977				
-16 Hillbeck Close -16 Hillbeck Close	Block Block	External Wall Finish External Walls	0	0	0	0		0	(0	0	989 0				
-16 Hillbeck Close	Block	Garages	0	0	0	0		0	(0	0	0				
9-16 Hillbeck Close	Block	Hard Surfaces	756	0	0	0	~	0	C		0	0	756				
9-16 Hillbeck Close	Block	Internal Doors	0	0	0	0	~	0	C		0	0	0				
9-16 Hillbeck Close	Block	Internal Structure & Finishes	803	0	0	0	322	0	Ċ	5,196	0	6,559	12,880				
9-16 Hillbeck Close	Block	Kitchens	0	0	0	0		0	C		0	0	0				
9-16 Hillbeck Close	Block	Laundry	0	0	0	0	0	0	C	0	0	0	0				
9-16 Hillbeck Close	Block	Refuse	0	0	0	0	0	0	C	0	0	0	0				
9-16 Hillbeck Close	Block	Roofs	0	1,847	0	0	32,268	0	C	0	0	31,026	65,141				
9-16 Hillbeck Close	Block	Stairs & Balconies	0	0	0	0	0	5,939	C	1,611	351	0	7,901				
9-16 Hillbeck Close	Block	Windows	0	0	0	0	15,498	0	3,343	0	0	9,279	28,120				
		Block SCS Sub Total	3,961	6,247	0	0	49,077	11,892	4,375	10,249	8,464	53,513	147,778				
		Specialists															
9-16 Hillbeck Close	Block	M & E - Communal Services	0	9,600	296,800		-,	0	C		38,000	17,000	367,400				
		M & E - Lifts	0	0	0	0	-	0	C		0	0	0				
		Concrete Repairs & Coatings	15,174	0	0	0		750	C	-,	0	750	26,975				
		Specialists Sub Total	15,174	9,600	296,800	0	6,000	750	C	10,301	38,000	17,750	394,375				
		-				_											
		Preliminaries 20%	3,827	3,169	59,360		,	2,528	875		9,293	14,253	108,431				
		Associated Building Scaffolding	16,140	0	0		,	0	(,	16,140	0	57,560				
		SCS Block Total	39,102	19,016	356,160	0	78,732	15,170	5,250	37,299	71,897	85,516	708,143				
		Cost by Tonyya Total Block															
		Cost by Tenure Total Block	24.420	11 005	222.600		40.208	0.492	2 201	1 22 242	44.026	F2 447	442 500	62.50%	_	2.050.66	00 517 0
		SC Rented Leasehold	24,439 14,663	11,885 7,131	222,600 133,560		,	9,482 5,689	3,281 1,969		44,936 26,961	53,447 32,068	442,590 265,554	62.50% 37.50%	5	2,950.60 2,950.60	
		Leasenoid	14,003	7,131	133,300	U	25,325	3,003	1,505	13,507	20,301	32,000	203,334	37.30% <u> </u>	8	2,550.00	00,517.5
																	lling by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20		Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
9-16 Hillbeck Close	Internal	Bathrooms	19,000	0	0	-	~	0	(0	0	19,000				
9-16 Hillbeck Close	Internal	Drainage - Above Ground	0	0	0	0		6.412	(6 413	0	12.024				
9-16 Hillbeck Close	Internal	Electrical Installations	0	0	_	0	-	6,412	(6,412	0	12,824 0				
9-16 Hillbeck Close 9-16 Hillbeck Close	Internal	External Doors Internal Doors	0	0	0	0		0	2,655		0	0	2,655				
9-16 Hillbeck Close	Internal	Internal Doors Internal Structure & Finishes	0	0	0	0	~	0	2,055		0	0	2,055				
9-16 Hillbeck Close	Internal Internal	Kitchens	29,000	0	0	0	~	0	(29,000	0	58,000				
9-16 Hillbeck Close	Internal	Roofs	29,000	0	0	0	-	0	(29,000	0	38,000				
9-16 Hillbeck Close	Internal	Stairs & Balconies	0	0	0	0	~	0	(0	0	0				
5 TO THIDCER Close	internal	Rented SCS Dwellings Sub Total	48,000	0	0			6,412	2,655	, ,	35,412	0	92,479				
		nemed ses swellings sub-rotal	40,000	· ·	Ü	Ū	•	0,412	2,033	,	33,412	Ü	32,473				
		Specialists															
		M & E - Dwelling Services	0	0	24,000	0	0	0	C	0	0	0	24,000				
		Management - Existing Asbestos	356	356	356			1,780				1,780	10,680				
		Asbestos Removal	0	0	0			0				0	11,700				
		Specialists Sub Total	356	356	24,356			1,780				1,780	46,380				
		•															
		Fire Risk Assessment Works															
9-16 Hillbeck Close	Int & Ext	Fire Risk Assessment - Fire upgrade works	29,565	0	0	0	0	0	C	0	0	0	29,565				
		_															
		Preliminaries 20%	15,584	71				1,638				356	33,685				
		Bowness House Rented Dwellings Total	93,505	427	29,227	427	14,467	9,830	5,322	2,136	44,630	2,136	202,109	100.00%	5	1,347.39	9 40,421.7
9-16 Hillbeck Close	Int & Ext	Fire Risk Assessment - Fire upgrade works	5,250	0	0			0				0	5,250				
		Preliminaries 20%	1,050	0	0			0	(0	0	1,050				_
		Internal & FED's Leaseholders Total	6,300	0	0	0	0	0	C	0	0	0	6,300	100.00%	3	70.00	2,100.0

9-16 Hillbeck Close

9-16 Hillbeck Close																ng by Tenure
Building/ Asset	Type Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10		Yrs 16-20	Yrs 21-25		Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-3
e Area	Estate Estate	1,511	30	0	0			559		149	30	3,605				
	M&E Estate Estate Estate Areas Sub Total	0		1,662	0	0	110	0		124	233	2,019				
	Preliminaries 20%	1,511 302	30 6	1,662 332	0		149 30	559 112		273 55	263 53	5,625 1,125				
	Estate Areas Total	1,813	36	1,995	0		179	671		328	316	6,750				
		_,		_,,,,,					_,			5,100				
	Cost by Tenure Total Block															
	SC Rented	1,133		1,247	0	0	112	419		205	197	4,219	62.50%			8
	Leasehold	680	14	748	0	0	67	252	530	123	118	2,531	37.50%	53	28.12	8
														8	;	
															Por Dwellin	ng by Tenure
Building/ Asset	Type Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock		£ Cost/ Years 1-3
ate Cleaners Store	Estate Cleaners Store	2	0	0	0	120	188	4	171	21	4	510			<u> </u>	·
	Estate Cleaners Store Sub Total	2	0	0	0	120	188	4		21	4	510				
	Preliminaries 20%	0	0	0	0	24	38	1		4	1	102				
	Estate Cleaners Store Total	3	0	0	0	144	225	5	205	25	5	612				
	Cost by Tenure Total Block															
	SC Rented	2	0	0	0	90	141	3	128	16	3	382	62.50%	5 5	2.55	
	Leasehold	1	0	0	0	54	84	2	77	9	2	229	37.50%	S3	2.55	
														8	Ī	
Building/ Asset	Type Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	ng by Tenure £ Cost/ Years 1-3
ternal & Communal Decorations	Decorations Decorations	0	3,200	0	0	0	3,200	0		3,200	3,200	16,000	70 01 10001	o to o in	2 dosty rumani	2 0030, 100.3 2 0
xcl Specialists Concrete Coatings & Towers)	Decorations (Estate & Cleaners Stores)	0	0	356	0	0	389	34	356	389	34	1,557				
	Decorations Sub Total	0	3,200	356	0	0	3,589	34		3,589	3,234	17,557				
	Preliminaries 20%	0	640	71	0		718	7		718	647	3,511				
	Decorations Total	0	3,840	427	0	0	4,307	40	4,267	4,307	3,880	21,069				
	Cost by Tenure Total Block															
	SC Rented	0	2,400	267	0	0	2,692	25	2,667	2,692	2,425	13,168	62.50%	5 5	87.79	2,63
	Leasehold	0	1,440	160	0	0	1,615	15	1,600	1,615	1,455	7,901	37.50%	53	87.79	2,63
														8		
															Per Dwellir	ng by Tenure
Building/ Asset	Type Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
mprovement Measures		•	!											•		
oof Edge Protection		7,560		0	0	0	0	0	0	0	7,560	15,120				
state Improvements - Access		826		0	0	0	0	0		0		1,652 0				
old Bridging	Improvements Sub Total	8,386	0	0	0	0	0	0		0	8,386	16,772				
	Preliminaries 20%	1,677	0	0	0	0	0	0		0	1,677	3,354				
	Improvements Total	10,063	0	0	0	0	0	0	0	0	10,063	20,126				
	Cost by Tenure Total Block															
	SC Rented	6,290		0	0	0	0	0	0	0	6,290	12,579	62.50%		83.86	2,51
	Leasehold	3,774	0	0	0	0	0	0	0	0	3,774	7,547	37.50%	3	83.86	2,51
														C	•	
	Block Summary															
	,															
			22.220	387,809	427	93,344	29,712	11,288	45,320	121,187	101,916	965,108				
	Block All Assets Total Incl Prelims	150,787	23,320	367,603					-,-							
	-	150,787	23,320	387,803				,		, -		· · ·				
	Cost by Tenure Total Block		•	·				•					63.500		4.500.00	405.00
	-	125,369 25,418	14,735	253,341 134,468	427	63,765	22,256 7,456	9,051 2,237	29,126	92,478 28,709	64,498 37,417	675,046 290,062	62.50% 37.50%		,	135,00 96,68

17-24 Hillbeck Close

17-24 Hillbeck Close																Per Dw	elling by Tenure
Building/ Asset	Туре	e Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-
17-24 Hillbeck Close	Block	Bathrooms	0	0	0	0	0	0	0	0	0	0	0	'			
17-24 Hillbeck Close	Block	Boundaries	2,104	0	0	0	0	0	0	3,442	3,713	0	9,259				
17-24 Hillbeck Close	Block	Drainage - Above Ground	298	0	0	0	0	0	0	0	0	696	994				
17-24 Hillbeck Close	Block	Electrical Installations	0	4,400	0	0	0	0	55	0	4,400	0	8,855				
17-24 Hillbeck Close	Block	External Buildings	0	0	0	0	0	5,953	0	0	0	5,953	11,906				
17-24 Hillbeck Close	Block	External Doors	0	0	0	0	0	0	977	0	0	0	977				
17-24 Hillbeck Close	Block	External Walls	0	0	0	0	989	0	0	0	0	0	989				
17-24 Hillbeck Close 17-24 Hillbeck Close	Block Block	External Walls Garages	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Block	Hard Surfaces	680	0	0	0	0	0	0	0	0	0	680				
17-24 Hillbeck Close	Block	Internal Doors	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Block	Internal Structure & Finishes	803	0	0	0	322	0	0	5,196	0	6,559	12,880				
17-24 Hillbeck Close	Block	Kitchens	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Block	Laundry	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Block	Refuse	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Block	Roofs	0	1,847	0	0	32,268	0	0	0	0	31,026	65,141				
17-24 Hillbeck Close	Block	Stairs & Balconies	0	0	0	0	0	5,939	0	1,611	351	0	7,901				
17-24 Hillbeck Close	Block	Windows	0	0	0	0	15,498	0	3,343	0	0	9,279	28,120				
		Block SCS Sub Total	3,885	6,247	0	0	49,077	11,892	4,375	10,249	8,464	53,513	147,702				
		Specialists															
17-24 Hillbeck Close	Block	M & E - Communal Services	0	9,600	296,800	0	6,000	0	0	0	38,000	17,000	367,400				
		M & E - Lifts	0	0	0	0	0	0	0	0	0	0	0				
		Concrete Repairs & Coatings	15,174	0 600	306.800	0	6 000	750	0	10,301	0	750	26,975				
		Specialists Sub Total	15,174	9,600	296,800	0	6,000	750	0	10,301	38,000	17,750	394,375				
		Preliminaries 20%	3,812	3,169	59,360	0	11,015	2,528	875	4,110	9,293	14,253	108,415				
		Associated Building Scaffolding	16,140	3,109	0	0	12,640	2,328	0	12,640	16,140	14,233	57,560				
		SCS Block Total	39,011	19,016	356,160	0		15,170	5,250	37,299	71,897	85,516	708,052				
			,		,		,	,	5,255	,		55,5 = 5	,				
		Cost by Tenure Total Block															
		SC Rented	34,135	16,639	311,640	0	68,891	13,274	4,594	32,637	62,910	74,826	619,546	87.50%	7	2,950.2	2 88,5
		Leasehold	4,876	2,377	44,520	0	9,842	1,896	656	4,662	8,987	10,689	88,507	12.50%	1		2 88,5
															8	3	
																Por Dw	elling by Tenure
Building/ Asset	Туре	e Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-
17-24 Hillbeck Close	Internal		26,600	0	0	0	0	0	0	0	0	0	26,600			<u>, </u>	,
17-24 Hillbeck Close	Internal	Drainage - Above Ground	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Internal	Electrical Installations	0	0	0	0	0	0	1,602	0	0	1,602	3,204				
17-24 Hillbeck Close	Internal	External Doors	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Internal		0	0	0	0	0	0	6,195	0	0	0	6,195				
17-24 Hillbeck Close	Internal	Internal Structure & Finishes	480	0	0	0	0	0	0	0	0	0	480				
17-24 Hillbeck Close	Internal		40,600	0	0	0	0	0	0	0	40,600	0	81,200				
17-24 Hillbeck Close	Internal	Roofs	0	0	0	0	0	0	0	0	0	0	0				
17-24 Hillbeck Close	Internal	Stairs & Balconies Rented SCS Dwellings Sub Total	67,680	0	0	0	0	0	7,797	0	40,600	1,602	117,679				
		Rented SCS Dwellings Sub Total	67,680	U	U	U	U	U	7,797	U	40,600	1,602	117,679				
		Specialists															
		M & E - Dwelling Services	0	0	24,000	0	0	0	0	0	0	0	24,000				
		Management - Existing Asbestos	498	498	498	498	498	2,490	2,490	2,490	2,490	2,490	14,940				
		Asbestos Removal	0	0	0	0	15,300	0	0	0	0	0	15,300				
		Specialists Sub Total	498	498	24,498	498	15,798	2,490	2,490	2,490	2,490	2,490	54,240				
		Fire Risk Assessment Works															
17-24 Hillbeck Close	Int & Ex	Fire Risk Assessment Works t Fire Risk Assessment - Fire upgrade works	41,391	0	0	0	0	0	0	0	0	0	41,391				
17-24 Hillbeck Close	Int & Ex	t Fire Risk Assessment - Fire upgrade works															
17-24 Hillbeck Close	Int & Ex	t Fire Risk Assessment - Fire upgrade works Preliminaries 20%	21,914	100	4,900	100	3,160	498	2,057	498	8,618	818	42,662				
17-24 Hillbeck Close	Int & Ex	t Fire Risk Assessment - Fire upgrade works												100.00%	7	1,218.9	1 36,5
		t Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	21,914 131,483	100 598	4,900 29,398	100 598	3,160 18,958	498 2,988	2,057 12,344	498 2,988	8,618 51,708	818 4,910	42,662 255,972	100.00%	7	1,218.9	36,5
17-24 Hillbeck Close 17-24 Hillbeck Close		t Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total t Fire Risk Assessment - Fire upgrade works	21,914 131,483 1,750	100 598 0	4,900 29,398 0	100 598 0	3,160 18,958 0	498 2,988 0	2,057 12,344 0	498 2,988 0	8,618 51,708 0	818 4,910 0	42,662 255,972 1,750	100.00%	7	1,218.9	1 36,5
		t Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	21,914 131,483	100 598	4,900 29,398	100 598	3,160 18,958	498 2,988	2,057 12,344	498 2,988	8,618 51,708	818 4,910	42,662 255,972	100.00%			

17-24 Hillheck Close

17-24 Hillbeck Close	e															Per Dw	relling by Tenure
	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	ck £ Cost/ Annum	£ Cost/ Years 1-30
tate Area		Estate	Estate	1,511		0	0	0	149	559		149	30	3,605			
			M&E Estate	0	0	1,662	0	0	0	0		124	233	2,019			
			Estate Areas Sub Total Preliminaries 20%	,	30 6	1,662 332	0 0	0	149 30	559 112		273 55	263 53	5,625 1,125			
			Estate Areas Total			1,995	0	0	179	671		328	316	6,750			
				_,0_0	•	2,550	•	•	270	0,-		525	020	0,7.00			
			Cost by Tenure Total Block														
			SC Rented	1,586		1,745	0	0	156	587		287	276	5,906	87.50%	7 28.	12 84
			Leasehold	227	5	249	0	0	22	84	177	41	39	844	12.50%	<u>1</u> 28.	12 84
																8	
																Por Du	relling by Tenure
	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	ck £ Cost/ Annum	
tate Cleaners Store		71: -	Estate Cleaners Store	2	0	0	0	120	188	4		21	4	510			,
			Estate Cleaners Store Sub Total	2	0	0	0	120	188	4	171	21	4	510			
			Preliminaries 20%			0	0	24	38	1		4	1	102			
			Estate Cleaners Store Total	3	0	0	0	144	225	5	205	25	5	612			
			Cost by Tenure Total Block														
			SC Rented	3	0	0	0	126	197	4	179	22	4	535	87.50%	7 2	55 76
			Leasehold	0	0	0	0	18	28	1		3	1	76	12.50%	1 2.	
																8	
	Building/ Asset	Type	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto		relling by Tenure £ Cost/ Years 1-30
xternal & Communal Decor	<u>.</u>	Турс	Decorations	0		0	0	0	3,200	0		3,200	3,200	16,000	70 01 10 001	2 cost, rimani	1 6034/ 164/3 1 36
Excl Specialists Concrete Co	patings & Towers)		Decorations (Estate & Cleaners Stores)	0	0	356	0	0	389	34	356	389	34	1,557			
			Decorations Sub Total		3,200	356	0	0	3,589	34	,	3,589	3,234	17,557			
			Preliminaries 20%		640	71	0	0	718	7		718	647	3,511			
			Decorations Total	0	3,840	427	0	0	4,307	40	4,267	4,307	3,880	21,069			
			Cost by Tenure Total Block														
			, SC Rented	0	3,360	374	0	0	3,769	35	3,734	3,769	3,395	18,435	87.50%	7 87.	79 2,633
			Leasehold	0	480	53	0	0	538	5	533	538	485	2,634	12.50%	<u>1</u> 87.	79 2,633
																8	
																Per Du	relling by Tenure
	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total Sto	ck £ Cost/ Annum	
Improvement Measures		•		•	•	•	·	•	•	•	•	•	•			-	•
Roof Edge Protection				7,560		0	0	0	0	0		0	7,560	15,120			
Estate Improvements - Acces	SS			826		0	0	0	0	0		0	826	1,652			
Cold Bridging			Improvements Sub Total	8,386	0	0	0	0	0	0		0	0 8,386	0 16,772			
			Preliminaries 20%			0	0	0	0	0		0	1,677	3,354			
			Improvements Total			0	0	0	0	0		0	10,063	20,126			
			·														
			Cost by Tenure Total Block														
			SC Rented	8,805		0	0	0	0	0		0	8,805	17,611	87.50%	7 83.	
			Leasehold	1,258	0	0	0	0	0	0	0	0	1,258	2,516	12.50%	<u>1</u> 83.5	86 2,515
																0	
		Block Sum	nmary														
			Block All Assets Total Incl Prelims	184,473	23,490	387,979	598	97,834	22,869	18,310	46,172	128,265	104,690	1,014,680			
			Cost by Tanura Total Plack														
			Cost by Tenure Total Block SC Rented	176 012	20 629	343 156	592	87 97 <i>/</i> I	20 384	17 565	40 774	118 695	92 218	918 004	87 5 0 %	7 / 271	45 121 1/13
			Cost by Tenure Total Block SC Rented Leasehold	176,012 8,461	20,629 2,862	343,156 44,823	598 0	87,974 9,860	20,384 2,485	17,565 746		118,695 9,570	92,218 12,472	918,004 96,676	87.50% 12.50%	7 4,371.· 1 3,222.	

25-32 Hillbeck Close

																Per Dwel	ing by renure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
5-32 Hillbeck Close	Block	Bathrooms	0	0	0	0	0	0	0	0	0	0	0				
5-32 Hillbeck Close	Block	Boundaries	2,104	0	0	0	0	0	0	3,442	3,713	0	9,259				
5-32 Hillbeck Close	Block	Drainage - Above Ground	298	0	0	0	0	0	0	0	0	696	994				
5-32 Hillbeck Close	Block	Electrical Installations	0	4,400	0	0	0	0	55	0	4,400	0	8,855				
5-32 Hillbeck Close	Block	External Buildings	0	0	0	0	0	5,953	0	0	0	5,953	11,906				
5-32 Hillbeck Close	Block	External Doors	0	0	0	0	0	0	977	0	0	0	977				
5-32 Hillbeck Close	Block	External Wall Finish	0	0	0	0	989	0	0	0	0	0	989				
5-32 Hillbeck Close	Block	External Walls	0	0	0	0	0	0	0	0	0	0	0				
5-32 Hillbeck Close	Block	Garages	-	0	0	0	0	0	0	0	0	0	-				
25-32 Hillbeck Close 25-32 Hillbeck Close	Block Block	Hard Surfaces Internal Doors	945 0	0	0	0	0	0	0	0	0	0	945 0				
25-32 Hillbeck Close	Block	Internal Structure & Finishes	554	0	0	0	322	0	0	8,315	0	322	9,513				
25-32 Hillbeck Close	Block	Kitchens	0	0	0	0	0	0	0	0,313	0	0	0,513				
5-32 Hillbeck Close	Block	Laundry	0	0	0	0	0	0	0	0	0	0	0				
25-32 Hillbeck Close	Block	Refuse	0	0	0	0	0	0	0	0	0	0	0				
25-32 Hillbeck Close	Block	Roofs	0	1,847	0	0	31,026	0	0	0	0	31,026	63,899				
25-32 Hillbeck Close	Block	Stairs & Balconies	0	0	0	0	0	1,620	0	540	351	0	2,511				
25-32 Hillbeck Close	Block	Windows	0	0	0	0	19,773	0	3,343	0	0	9,279	32,395				
		Block SCS Sub Total	3,901	6,247	0	0	52,110	7,573	4,375	12,297	8,464	47,276	142,243				
		Specialists	-,	-,			,	,	,	, -	-, -	,	, -				
25-32 Hillbeck Close	Block	M & E - Communal Services	0	9,600	296,800	0	6,000	0	0	0	38,000	17,000	367,400				
		M & E - Lifts	0	0	0	0	0	0	0	0	0	0	0				
		Concrete Repairs & Coatings	15,174	0	0	0	0	750	0	10,301	0	750	26,975				
		Specialists Sub Total	15,174	9,600	296,800	0	6,000	750	0	10,301	38,000	17,750	394,375				
		Preliminaries 20%	3,815	3,169	59,360	0	11,622	1,665	875	4,520	9,293	13,005	107,324				
		Associated Building Scaffolding	16,140	0	0	0	12,640	0	0	12,640	16,140	0	57,560				
		SCS Block Total	39,030	19,016	356,160	0	82,372	9,988	5,250	39,757	71,897	78,031	701,501				
		Cost by Tenure Total Block															
		SC Rented	34,152	16,639	311,640	0	72,076	8,739	4,594	34,787	62,910	68,277	613,814	87.50%	7	_,	87,687.66
		Leasehold	4,879	2,377	44,520	0	10,297	1,248	656	4,970	8,987	9,754	87,688	12.50%	1	2,922.92	87,687.66
															0		
Building/ Asset															8	Per Dwel	ing by Tenure
	Type	Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock		ing by Tenure £ Cost/ Years 1-30
<u> </u>	Type Internal	Group_Reporting Bathrooms	Year 1 26,600	Year 2	Year 3	Year 4	Year 5	Yrs 06-10 0	Yrs 11-15 0	Yrs 16-20 0	Yrs 21-25 0	Yrs 26-30 0	Yrs 1-30 26,600	% of Total	Stock	Per Dwel	ing by Tenure £ Cost/ Years 1-30
25-32 Hillbeck Close									Yrs 11-15 0	Yrs 16-20 0				% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close	Internal	Bathrooms	26,600					0	Yrs 11-15 0 0 0 2,760	Yrs 16-20 0 0 0	0	0	26,600	% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close	Internal Internal	Bathrooms Drainage - Above Ground	26,600 0	0				0	0	0	0	0	26,600 0	% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close	Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations	26,600 0 0	0				0 0 0	0	0	0 0 2,760	0 0 0	26,600 0 8,280	% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close	Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors	26,600 0 0	0			0 0 0 0	0 0 0 0	0 0 2,760 0	0 0 0 0	0 0 2,760 0	0 0 0 0	26,600 0 8,280 0	% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close 25-32 Hillbeck Close	Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors	26,600 0 0 0	0			0 0 0 0	0 0 0 0	0 0 2,760 0	0 0 0 0	0 0 2,760 0	0 0 0 0	26,600 0 8,280 0 6,195	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes	26,600 0 0 0 0	0			0 0 0 0	0 0 0 0 0	0 0 2,760 0	0 0 0 0	0 0 2,760 0 0	0 0 0 0 0	26,600 0 8,280 0 6,195	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies	26,600 0 0 0 0 0 0 40,600 0	0 0 2,760 0 0 0 0			0 0 0 0	0 0 0 0 0	0 0 2,760 0 6,195 0 0 0	0 0 0 0	0 0 2,760 0 0 0 40,600 0	0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	26,600 0 0 0 0 0 0 0 40,600	0	0 0 0 0 0 0 0		0 0 0 0	0 0 0 0 0 0	0 0 2,760 0	0 0 0 0	0 0 2,760 0 0 0 40,600	0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total	26,600 0 0 0 0 0 0 40,600 0	0 0 2,760 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0	0 0 0 0 0 0 0	0 0 2,760 0 0 0 40,600 0	0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists	26,600 0 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 0	0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 0	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services	26,600 0 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 0 8,955	0 0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	26,600 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 8,955	0 0 0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275	% of Total	Stock		
25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	26,600 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 8,955	0 0 0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700	% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	26,600 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 8,955	0 0 0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275	% of Total	Stock		
25-32 Hillbeck Close 25-32 Hillbeck Close	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	26,600 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 8,955	0 0 0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700	% of Total	Stock		
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works	26,600 0 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 24,000 498 0 24,498	0 0 0 0 0 0 0 0 0 0 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 0 8,955	0 0 0 0 0 0 0 0 0 0 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 0 122,275 24,000 14,940 11,700 50,640	% of Total	Stock		
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	26,600 0 0 0 0 40,600 0 67,200	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 2,760 0 6,195 0 0 0 8,955	0 0 0 0 0 0 0 0 0	0 0 2,760 0 0 40,600 0 43,360	0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700	% of Total	Stock		
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	26,600 0 0 0 0 40,600 0 67,200 0 498 0 498	0 0 2,760 0 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 498 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 2,490 2,490	0 0 2,760 0 6,195 0 0 0 0 8,955 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 0 122,275 24,000 14,940 11,700 50,640	% of Total	Stock		
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	26,600 0 0 0 0 40,600 0 67,200 0 498 0 498 41,391 21,818	0 0 2,760 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 498 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 2,490 0	0 0 2,760 0 6,195 0 0 0 0 8,955 0 2,490 0 2,490	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0 2,490	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700 50,640 41,391			£ Cost/ Annum	£ Cost/ Years 1-30
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	26,600 0 0 0 0 40,600 0 67,200 0 498 0 498	0 0 2,760 0 0 0 0 0 0 0 2,760	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 498 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 2,490 2,490	0 0 2,760 0 6,195 0 0 0 0 8,955 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 0 122,275 24,000 14,940 11,700 50,640	% of Total	Stock	£ Cost/ Annum	
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	26,600 0 0 0 0 40,600 0 67,200 0 498 0 498 130,907	0 0 2,760 0 0 0 0 0 0 2,760 0 498 0 498	24,000 498 0 24,498	0 0 0 0 0 0 0 0 0 0 0 498 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 2,760 0 6,195 0 0 0 8,955 0 2,490 0 2,490 0	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700 50,640 41,391 42,861 257,167			£ Cost/ Annum	£ Cost/ Years 1-30
25-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	26,600 0 0 0 0 40,600 0 67,200 0 498 0 498 130,907 1,750	0 0 2,760 0 0 0 0 0 2,760 0 498 0 498	24,000 4,990 29,398	0 0 0 0 0 0 0 0 0 0 0 0 498 0 498 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 0 2,760 0 6,195 0 0 0 8,955 0 2,490 0 2,490 0 2,289 13,734	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0 2,490 0 9,170 55,020	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700 50,640 41,391 42,861 257,167			£ Cost/ Annum	£ Cost/ Years 1-30
5-32 Hillbeck Close	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	26,600 0 0 0 0 40,600 0 67,200 0 498 0 498 130,907	0 0 2,760 0 0 0 0 0 0 2,760 0 498 0 498	24,000 498 0 24,498	0 0 0 0 0 0 0 0 0 0 0 498 0 498	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 2,760 0 6,195 0 0 0 8,955 0 2,490 0 2,490 0	0 0 0 0 0 0 0 0 0 0 2,490 0 2,490	0 0 2,760 0 0 40,600 0 43,360 0 2,490 0 2,490 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26,600 0 8,280 0 6,195 0 81,200 0 122,275 24,000 14,940 11,700 50,640 41,391 42,861 257,167			£ Cost/ Annum	£ Cost/ Years 1-30

25-32 Hillheck Close

25-32 Hillbeck Close																Per Dwelling b	y Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	•	Cost/ Years 1-30
tate Area	Estate	Estate	1,511		0	0	0	149	559	1,177	149	30	3,605				
		M&E Estate	0	0	1,662	0	0	0	0	0	124	233	2,019				
		Estate Areas Sub Total Preliminaries 20%	1,511 302	30 6	1,662 332	0	0	149 30	559 112	1,177 235	273 55	263 53	5,625 1,125				
		Estate Areas Total	1,813		1,995	0	0	179	671	1,412	328	316	6,750				
			,-		,					,			,				
		Cost by Tenure Total Block															
		SC Rented	1,586	32	1,745	0	0	156	587	1,236	287	276	5,906	87.50%	7	28.12	843
		Leasehold	227	5	249	0	0	22	84	177	41	39	844	12.50%	1	<u>.</u> 28.12	843
															8	5	
																Per Dwelling b	y Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock		Cost/ Years 1-30
state Cleaners Store		Estate Cleaners Store	2	0	0	0	120	188	4	171	21	4	510				
		Estate Cleaners Store Sub Total Preliminaries 20%	2	0	0	0	120 24	188 38	4	171 34	21 4	4	510				
		Estate Cleaners Store Total	3		0	0	144	225	5		25	5	102 612				
			_	_		_			_			•					
		Cost by Tenure Total Block															
		SC Rented	3	0	0	0	126	197	4	179	22	4	535	87.50%	7	2.55	76.
		Leasehold	0	0	0	0	18	28	1	26	3	1	76	12.50%	1	<u>.</u> 2.55	76
															0	•	
																Per Dwelling b	y Tenure
Building/ Asset	Туре		Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum £	Cost/ Years 1-30
xternal & Communal Decorations		Decorations (5.1.1.0.6)	0	3,200	0	0	0	3,200	0	3,200	3,200	3,200	16,000				
Excl Specialists Concrete Coatings & Towers)		Decorations (Estate & Cleaners Stores) Decorations Sub Total	0	3,200	356 356	0	0	389 3,589	34 34	356 3,556	389 3,589	34 3,234	1,557 17,557				
		Preliminaries 20%	0	640	71	0	0	718	7	711	718	647	3,511				
		Decorations Total	0	3,840	427	0	0	4,307	40	4,267	4,307	3,880	21,069				
		Cost by Tenure Total Block SC Rented	0	2 260	27/	0	0	2 760	25	2 724	3,769	2 205	18,435	97 500/	7	97.70	2,633.5
		Sc Renteu Leasehold	0	3,360 480	374 53	0	0	3,769 538	35 5	3,734 533	538	3,395 485	2,634	87.50% 12.50%	1	7 87.79 . 87.79	2,633.
		Ecascinola	·	400	33	Ü	ŭ	330	3	333	330	403	2,034	12.50%	8	<u>. </u>	2,033.
Duilding/ Assat	Toma	Construction	V1	V2	V 2	V 4	V F	V 0C 10	V 11 15	V 1C 20	V 24 25	V 26 20	V 1 20	0/ - { T - + -	C+I-	Per Dwelling b	
Building/ Asset mprovement Measures	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum £	Cost/ Years 1-30
Roof Edge Protection			7,560	0	0	0	0	0	0	0	0	7,560	15,120				
			826	0	0	0	0	0	0	0	0	826	1,652				
State Improvements - Access							0	0	0	0	0	0	0				
·		_	0	0	0	0		0	•								
·		Improvements Sub Total	8,386	0	0	0	0	0	0	0	0	8,386	16,772				
·		Preliminaries 20%	8,386 1,677	0 0	0	0	0	0	0	0	0	1,677	3,354				
·		· · · · · · · · · · · · · · · · · · ·	8,386	0	0	0	0	0	0	0	0						
·		Preliminaries 20%	8,386 1,677	0 0	0	0	0	0	0	0	0	1,677	3,354				
·		Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented	8,386 1,677 10,063	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	1,677 10,063 8,805	3,354 20,126 17,611	87.50%	7	y 83.86	
•		Preliminaries 20% Improvements Total Cost by Tenure Total Block	8,386 1,677 10,063	0 0 0	0 0	0 0 0	0 0	0 0	0 0	0 0	0 0	1,677 10,063	3,354 20,126	87.50% 12.50%	7 1	83.86 83.86	
•		Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented	8,386 1,677 10,063	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	1,677 10,063 8,805	3,354 20,126 17,611		7 1 8		
·	Block Sun	Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented Leasehold	8,386 1,677 10,063	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	1,677 10,063 8,805	3,354 20,126 17,611		7 1 8		
·	Block Sun	Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented Leasehold	8,386 1,677 10,063 8,805 1,258	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1,677 10,063 8,805 1,258	3,354 20,126 17,611 2,516		7 <u>1</u> 8		
•	Block Sun	Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented Leasehold	8,386 1,677 10,063	0 0 0	0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	1,677 10,063 8,805	3,354 20,126 17,611		7 1 8		
·	Block Sun	Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented Leasehold nmary Block All Assets Total Incl Prelims	8,386 1,677 10,063 8,805 1,258	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1,677 10,063 8,805 1,258	3,354 20,126 17,611 2,516		7 1 8		
Estate Improvements - Access Cold Bridging	Block Sun	Preliminaries 20% Improvements Total Cost by Tenure Total Block SC Rented Leasehold	8,386 1,677 10,063 8,805 1,258	0 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	1,677 10,063 8,805 1,258	3,354 20,126 17,611 2,516		7 1 8		2,515.8 2,515.8 130,495.3

2-40 Ullswater House

2-40 Ullswater Ho	ouse																Per Dwelling by	Tenure
	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5 Yrs	rs 06-10 Yr	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock £	Cost/ Annum £ C	ost/ Years 1-30
2-40 Ullswater House		Block	Bathrooms	0	0	0	0	0	0	0	0	0	0	0				
2-40 Ullswater House		Block	Boundaries	864	0	0	0	322	0	0	9,656	8,640	0	19,482				
2-40 Ullswater House		Block	Drainage - Above Ground	3,000	0	0	0	0	0	0	4,471	0	0	7,471				
2-40 Ullswater House		Block	Electrical Installations	0	0	25,850	0	302	0	0	0	25,850	0	52,002				
2-40 Ullswater House		Block	External Buildings	0	0	0	0	0	0	0	0	0	0	0				
2-40 Ullswater House		Block	External Doors	805	0	0	0	0	0	0	5,476	0	0	6,281				
2-40 Ullswater House		Block	External Wall Finish	0	0	0	0	0	2,473	0	0	0	0	2,473				
2-40 Ullswater House		Block	External Walls	3,400	0	0	0	0	0	0	0	0	0	3,400				
2-40 Ullswater House		Block	Garages	0	0	0	0	0	0	0	0	0	0	0				
2-40 Ullswater House		Block	Hard Surfaces	8,202	0	0	0	0	0	0	3,402	0	0	11,604				
2-40 Ullswater House		Block	Internal Doors	0,202	0	0	0	2,187	0	11,664	0	0	0	13,851				
2-40 Ullswater House		Block	Internal Structure & Finishes	5,889	0	0	0	2,148	0	45,033	0	0	2,148	55,218				
2-40 Ullswater House		Block	Kitchens	0,000	0	0	0	2,140	0	45,055	0	0	2,140	0				
		Block		0	0	0	0	0	0	753	0	0	172	925				
2-40 Ullswater House			Laundry	0	0	0	0	1.520	0	/55	0	0	0					
2-40 Ullswater House		Block	Refuse	-	0	-	0	1,538	-	0	0	0	-	1,538				
2-40 Ullswater House		Block	Roofs	13,851	0	0	0	0	155,789	0	0	0	0	169,640				
2-40 Ullswater House		Block	Stairs & Balconies	1,125	0	0	0	0	0	11,515	1,890	0	0	14,530				
2-40 Ullswater House		Block	Windows	0	0	0	0	0	0	101,414	0	0	57,991	159,405				
			Block SCS Sub Total	37,136	0	25,850	0	6,497	158,262	170,379	24,895	34,490	60,311	517,820				
			Specialists															
2-40 Ullswater House		Block	M & E - Communal Services	0	38,400	770,200	0	35,250	15,000	25,000	20,000	120,750	15,000	1,039,600				
			M & E - Lifts	0	0	0	0	0	0	0	0	0	0	0				
			Concrete Repairs & Coatings	76,061	0	0	0	0	3,000	0	67,394	0	3,000	149,455				
			Specialists Sub Total	76,061	38,400	770,200	0	35,250	18,000	25,000	87,394	120,750	18,000	1,189,055				
				-,	-,	-,	-	,	,	.,	,	.,	,	, -,				
			Preliminaries 20%	22,639	7,680	159,210	0	8,349	35,252	39,076	22,458	31,048	15,662	341,375				
			Associated Building Scaffolding	59,338	7,080	133,210	n	5,5-5 N	52,338	0.55,070	52,338	31,048	13,002	164,013				
			SCS Block Total	195,174	46,080	955,260	0	50,096	263,852	234,455	187,084	186,288	93,973	2,212,263				
			SCS BIOCK TOTAL	133,174	40,000	955,200	U	30,090	203,632	234,433	107,004	100,200	33,373	2,212,203				
			Cont by Towns Total Block															
			Cost by Tenure Total Block				_											
			SC Rented	195,174	46,080	955,260	0	50,096	263,852	234,455	187,084	186,288	93,973	2,212,263	100.00%	47	1,568.98	47,069.41
			Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%	0	0.00	0.00
																47		
																	Per Dwelling by	Tenure
	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5 Yrs	s 06-10 Yr	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Type Internal	Group_Reporting Bathrooms	Year 1 178,600	Year 2	Year 3	Year 4	Year 5 Yrs	rs 06-10 Yr	Yrs 11-15 0	Yrs 16-20 0	Yrs 21-25 0	Yrs 26-30 0	Yrs 1-30 178,600	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House 2-40 Ullswater House	Building/ Asset				Year 2 0 0			Year 5 Yr:		Yrs 11-15 0 0	Yrs 16-20 0 0				% of Total	Stock £		ost/ Years 1-30
	Building/ Asset	Internal	Bathrooms	178,600	Year 2 0 0 0	0		Year 5 Yr: 0 0 0 0	0	Yrs 11-15 0 0 0	Yrs 16-20 0 0 0	0	0		% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal	Bathrooms Drainage - Above Ground	178,600 0	Year 2 0 0 0 0	0		0	0	Yrs 11-15 0 0 0 0 0	Yrs 16-20 0 0 0 0 0	0	0	178,600 0	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House 2-40 Ullswater House	Building/ Asset	Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations	178,600 0 0	Year 2 0 0 0 0 0	0 0 0		0	0 0 150,682	7rs 11-15 0 0 0 0 0 0	Vrs 16-20 0 0 0 0 0 0 0 0	0 0 150,682	0 0 0	178,600 0 301,364	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House 2-40 Ullswater House 2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors	178,600 0 0 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0		0	0 0 150,682 0	Yrs 11-15 0 0 0 0 0 0	Vrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0	0 0 0 0	178,600 0 301,364 0 41,160	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House 2-40 Ullswater House 2-40 Ullswater House 2-40 Ullswater House 2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes	178,600 0 0 0 0 0 1,100	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0		0	0 0 150,682 0	Yrs 11-15 0 0 0 0 0 0 0	7rs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160	0 0 0 0	178,600 0 301,364 0 41,160 1,100	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens	178,600 0 0 0 0 0 1,100 272,600	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0		0	0 0 150,682 0 0	Yrs 11-15 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Vrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160	0 0 0 0 0	178,600 0 301,364 0 41,160	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	178,600 0 0 0 0 0 1,100	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0	0 0 150,682 0 0 0	Yrs 11-15 0 0 0 0 0 0 0 0 0	Vrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160	0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies	178,600 0 0 0 0 1,100 272,600 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 150,682 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0	0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs	178,600 0 0 0 0 1,100 272,600 0	Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0		0	0 0 150,682 0 0 0	Yrs 11-15 0 0 0 0 0 0 0 0 0 0 0	Vrs 16-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600	0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total	178,600 0 0 0 0 1,100 272,600 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 150,682 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0	0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists	178,600 0 0 0 1,100 272,600 0 452,300	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0	0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services	178,600 0 0 0 1,100 272,600 0 452,300	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 0 150,682	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 464,442	0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 0 1,067,424	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	178,600 0 0 0 1,100 272,600 0 452,300	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 150,682	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 464,442	0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 0 1,067,424	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos	178,600 0 0 0 1,100 272,600 0 452,300	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 150,682	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 464,442	0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 0 1,067,424	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0	0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0	0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260	% of Total	Stock £		ost/ Years 1-30
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260	% of Total	Stock £		ost/ Years 1-30 42,475.76
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 150,682 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950			E Cost/ Annum	
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 0 0 0 0 150,682 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 16,710 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950			E Cost/ Annum	
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910	0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 16,710 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210	0 0 150,682 0 41,160 0 272,600 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361			E Cost/ Annum	
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910	0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842 0 52,368 314,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0 33,978 203,870	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210	0 0 150,682 0 41,160 0 272,600 0 464,442 2,500 16,710 0 19,210 0 96,730 580,382	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361			E Cost/ Annum	
2-40 Ullswater House	Building/ Asset	Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361	100.00%	47	£ Cost/ Annum £ C	42,475.76
2-40 Ullswater House		Internal Internal Internal Internal Internal Internal Internal Internal Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361	100.00%	47	1,415.86 0.00	42,475.76 0.00
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 0	0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0 33,978 203,870 0	0 0 0 0 0 0 0 0 0 0 0 16,710 0 16,710	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210 0 96,730 580,382	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House		Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1	0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842 0 52,368 314,210	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2 2,500 16,710 0 19,210 0 33,978 203,870 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052	0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Vrs 1-30	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876	0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0 33,978 203,870 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 975 21-25 875	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842 0 52,368 314,210 0 0	0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 77s 21-25 875 730	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876	0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 258,500 3,342 0 261,842 0 52,368 314,210 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0 33,978 203,870 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 975 21-25 875	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 77s 21-25 875 730	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate Estate Areas Sub Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0 8,876	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864 33,045 6,609	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Estate M&E Estate Estate Areas Sub Total Preliminaries 20%	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0 8,876 1,775	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864 33,045	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0 8,876 1,775	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 768 4,610 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 3,342 20,052 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 150,682 0 41,160 0 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864 33,045 6,609	100.00%	47	£ Cost/ Annum £ C 1,415.86 0.00 Per Dwelling by	42,475.76 0.00 Tenure
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0 8,876 1,775 10,651	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 0 0 0 0 1768 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 16,710 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210 0 3,842 23,052 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864 33,045 6,609 39,654	100.00% 100.00% % of Total	47 0 Stock £	1,415.86 1,000 Per Dwelling by £ Cost/ Annum £ C	42,475.76 0.00 Tenure ost/Years 1-30
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Cost by Tenure Total Block	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 227,950 136,818 820,910 0 Year 1 8,876 0 8,876 1,775 10,651	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 150,682 0 0 0 0 0 0 150,682 2 2,500 16,710 0 19,210 0 33,978 203,870 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 150,682 0 41,160 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 7 1,605 321 1,926 1,926	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864 33,045 6,609 39,654	100.00% 100.00%	47 0 Stock £	1,415.86 1,415.86 0.00 Per Dwelling by £ Cost/ Annum £ C	42,475.76 0.00 Tenure ost/ Years 1-30
2-40 Ullswater House	ouse	Internal	Bathrooms Drainage - Above Ground Electrical Installations External Doors Internal Structure & Finishes Kitchens Roofs Stairs & Balconies Rented SCS Dwellings Sub Total Specialists M & E - Dwelling Services Management - Existing Asbestos Asbestos Removal Specialists Sub Total Fire Risk Assessment Works Fire Risk Assessment - Fire upgrade works Preliminaries 20% Bowness House Rented Dwellings Total Fire Risk Assessment - Fire upgrade works Preliminaries 20% Internal & FED's Leaseholders Total Group_Reporting Estate M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total	178,600 0 0 0 1,100 272,600 0 452,300 500 3,342 0 3,842 227,950 136,818 820,910 0 Year 1 8,876 0 8,876 1,775 10,651	0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842 0 0 0 0 0 1768 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 3,342 0 3,842	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 150,682 0 0 0 0 0 0 150,682 2,500 16,710 0 19,210 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 16,710 0 16,710 0 16,710 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 16,710 0 19,210 0 3,842 23,052 0 0 0 0 0	0 0 0 150,682 0 41,160 0 272,600 0 0 464,442 2 2,500 16,710 0 19,210 0 96,730 580,382 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	178,600 0 301,364 0 41,160 1,100 545,200 0 1,067,424 268,000 100,260 0 368,260 227,950 332,727 1,996,361 0 0 Yrs 1-30 21,181 11,864 33,045 6,609 39,654	100.00% 100.00% % of Total	47 0 Stock £	1,415.86 1,000 Per Dwelling by £ Cost/ Annum £ C	42,475.76 0.00 Tenure ost/Years 1-30

Building/ Asset Type Group_Reporting Year 1 Year 2 Year 3 Year 4 Year 5 Yrs 06-10 Yrs 11-15 Yrs 16-20 Yrs 16-20 Yrs 16-30 Yrs 1-30 % of Total Stock £ Cost/ Annum £ Cost/ Years 1-30						•	•		•	ssional rec.							Per Dwellin	ng by Tenure
Control Cont	Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock		
Performant Part Performant	Estate Cleaners Store		Estate Cleaners Store	15	0	0	0	705	1,103	23	1,004	123	23	2,994				
Second Part Second Par			Estate Cleaners Store Sub Total	15	0	0	0	705	1,103	23	1,004	123	23	2,994				
Scient S			Preliminaries 20%	3	0	0	0	141	221	5	201	25	5	599				
Second S			Estate Cleaners Store Total	18	0	0	0	846	1,324	27	1,205	147	27	3,593				
Second S																		
Control Cont			Cost by Tenure Total Block															
Part			SC Rented	18	0	0	0	846	1,324	27	1,205	147	27	3,593	100.00%	47		76.45
Part			Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%		0.00	0.00
March Transport Transpor																47	1	
Mail of Control Post Pos																	D D III	1.7
Secondaries Constraints	Building/ Asset	Type	Group Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock		
Cast Systems Cast		.,,,,		0		0				0								,
Part				0		2,090	0	0		197								
Pelliminaria Pell	. ,			0	19,600		0	0										
Cost by Tenure Total Block Sc Rented Leaveshold Sc Rented Leav				0			0	0										
Scented Scen			Decorations Total	0	23,520	2,508	0	0	26,265	237	26,028	26,265	23,757	128,579				
Sc Rented 1 23,520 2,508 0 2,508 0 26,265 237 26,028 26,25 23.77 128,579 100.00% 47 91.19 2,735.72 (1.00.00% 47 91.19 1.																		
Lessehold 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			Cost by Tenure Total Block															
Type Group_Reporting Year1 Year2 Year3 Year4 Year5 Ys 06-10 Yr 51-15 Ys 16-20 Yr 52-15 Ys 26-30 Yr 51-30 Ys 07-101 Stock E Cost/ Year 1-30 E Cost/ Year 1-30 Year4 Year5 Ys 06-10 Yr 51-15 Ys 16-20 Yr 52-15 Ys 26-30 Yr 51-30 Ys 07-101 Stock E Cost/ Year 1-30 Year1-30 Year			SC Rented	0	23,520	2,508	0	0	26,265	237	26,028	26,265	23,757	128,579	100.00%	47	7 91.19	2,735.72
Per Devicing Per No Per			Leasehold	0	0	0	0	0	0	0	0	0	0	0	0.00%		0.00	0.00
Roof Edge Protection Sub Total Sub Total Incl Prelims Sub Total		Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock		
4,850 0 0 0 0 0 0 0 0 0	·																	
Cost by Tenure Total Block Summary Sub Total Ind Prelims 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168,57 95,057,572 1,45,500 1,00,00% 47 3,168,57 95,057,572 1,65,575 1,65,677	•					0	-	-	-	0	-	-						
Improvements Sub Total 36,350 0 0 0 0 0 0 0 0 0						-				-								
Preliminaries 20% 7,270 0 0 0 0 0 0 0 0 0	Cold Bridging		Incompany to Colo Tabal															
Improvements Total 43,620 0 0 0 0 0 0 0 0 0 43,620 87,240			·			-	-	-		-		0						
Cost by Tenure Total Block SC Rented 43,620 0 0 0 0 0 0 0 0 0							•					0						
SC Rented 43,620 0 0 0 0 0 0 0 0 0			improvements rotal	43,020	Ü	O	U	Ü	U	O	U	O	43,020	87,240				
SC Rented 43,620 0 0 0 0 0 0 0 0 0			Cost by Tenure Total Block															
Leasehold 0			· · · · · · · · · · · · · · · · · · ·	43,620	0	0	0	0	0	0	0	0	43,620	87,240	100.00%	47	7 61.87	1.856.17
Block All Assets Total Incl Prelims 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 Cost by Tenure Total Block SC Rented 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168.57 95,057.22 Leasehold 0			Leasehold			0	0		0	0	0	0						
Block All Assets Total Incl Prelims 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 Cost by Tenure Total Block SC Rented 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168.57 95,057.22 Leasehold 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																47	,	
Block All Assets Total Incl Prelims 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 Cost by Tenure Total Block SC Rented 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168.57 95,057.22 Leasehold 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																		
Cost by Tenure Total Block SC Rented 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168.57 95,057.22 Leasehold 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Block Sum	ımary															
SC Rented 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168.57 95,057.22 Leasehold 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.00% 0 0.00% 0 0.00% 0.00			Block All Assets Total Incl Prelims	1,070,373	74,424	1,283,697	4,610	55,553	496,360	258,713	245,667	795,008	183,285	4,467,689				
SC Rented 1,070,373 74,424 1,283,697 4,610 55,553 496,360 258,713 245,667 795,008 183,285 4,467,689 100.00% 47 3,168.57 95,057.22 Leasehold 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0.00% 0 0.00% 0 0.00% 0.00																		
Leasehold 0 0 0 0 0 0 0 0 0 0 0 0.00% <u>0</u> 0.00 0.00			· · · · · · · · · · · · · · · · · · ·		_													
			SC Rented	1,070,373	74.424	1.283.697	4.610	55 553	496 360	258 713	245 667	795 008	183 285	4.467.689	100.00%	47	/ 3.168.57	95.057.22
					•		,											

Manor Grove Houses - SC Rented

Building/ Asset																Per Dwelling by Tenure
	Туре	Group_Reporting	Year 1	Year 2		Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum £ Cost/ Years
nor Grove Houses	External	Boundaries	3,492	170	582	0	4,993	3,852	1,076	0	27,819	2,016	44,000			
nor Grove Houses	External	Drainage - Above Ground	0	0	0	0	0	0	0	4,768	0	0	4,768			
nor Grove Houses	External	Electrical Installations	0	0	0	0	0	0	0	0	0	0	0			
nor Grove Houses	External	External Buildings	5,656	0	0	0	0	1,440	0	0	178	178	7,452			
nor Grove Houses	External	External Doors	3,166	0	669	0	12,885	2,798	4,197	773	0	2,172	26,660			
nor Grove Houses	External	External Wall Finish	1,350	0	0	0	2,454	0	292	4,870	4,870	876	14,712			
or Grove Houses	External	External Walls	4,733	0	0	0	0	0	1,350	0	0	0	6,083			
or Grove Houses	External	Hard Surfaces	0	0	0	0	3,143	3,969	0	594	454	0	8,160			
nor Grove Houses	External	Internal Structure & Finishes	0	0	0	0	0	0	0	0	0	0	0			
nor Grove Houses	External	Refuse	20.504	11170	0	0	0	0	0	0	0	0	0			
or Grove Houses	External	Roofs	20,594	14,170	121,185	0	0	0	834	420	26,018	95,153	278,374			
or Grove Houses	External	Stairs & Balconies	0	0	0	0	0	0	0	0	0	0	0			
or Grove Houses	External	Windows	47,562	0	0	0	50,153	6,686	16,160	0	8,358	0	128,919			
or Grove Houses	Internal	Bathrooms	68,400	0	0	0	0	0	0	0	0	0	68,400			
or Grove Houses	Internal	Drainage - Above Ground	0	0	0	0	0	524	0	0	0	2 206	24.462			
or Grove Houses	Internal	Electrical Installations	1,913	0	0	0	4,360	534	7,343	2,136	4,671	3,206	24,163			
or Grove Houses	Internal	Internal Doors	7,080	0	0	0	0	0	0	0	0	0	7,080			
or Grove Houses	Internal	Internal Structure & Finishes	5,802	0	0	0	0	0	0	0	0	0	5,802			
or Grove Houses	Internal	Kitchens	104,400	0	0	0	0	0	0	0	104,400	0	208,800			
or Grove Houses	Internal	Roofs	0	0	0	0	0	0	0	0	0	0	0			
or Grove Houses	Internal	Stairs & Balconies	838	0	0	0	0	0	0	0	0	0	838			
		Estate Houses Sub Total	274,986	14,340	122,436	0	77,988	19,279	31,252	13,561	176,768	103,601	834,211			
		M0.5. Co. to.	166.000	20.000	E0.070	24.000	24.000	00.000	_	20.000	24.666	•	450.000			
		M & E - Services	166,000	28,000	50,979	24,000	24,000	96,000	0	30,000	31,660	2 000	450,638			
		Concrete Repairs & Coatings	20,364	0	0	0	0	3,000	0	27,815	0	3,000	54,179			
		Structural Engineer (Houses) - Contingency	45,000	0	0	0	0	0	0	0	0	0	45,000			
		Management - Existing Asbestos	1,676	1,676	1,676	1,676	1,676	8,380	8,380	8,380	8,380	8,380	50,280			
		Asbestos Removal	11,700	0	0	0	0	0	0	0	0	0	11,700			
		Sub Total	244,740	29,676	52,655	25,676	25,676	107,380	8,380	66,195	40,040	11,380	611,797			
		Preliminaries 20%	103,945	8,803	35,018	5,135	20,733	25,332	7,926	15,951	43,362	22,996	289,202			
		Estate Houses Sub Total	348,685	38,479	87,673	30,811	46,409	132,712	16,306	82,146	83,401	34,376	900,999			
		_														
		Fire Risk Assessment Works - Southwark Council	11,700	0	0	0	0	0	0	0	0	0	11,700			
		Preliminaries 20%	2,340	0	0	0	0	0	0	0	0	0	2,340			
		Total FRAWorks	14,040	0	0	0	0	0	0	0	0	0	14,040			
																Per Dwelling by Tenure
Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	f Cost/ Annum f Cost/ Years
e Area	F										335	68	0.112		JUUCK	
	Estate	Estate	3,399	68	0	0	0	335	1,258	2,648	333		8,112		Stock	2 0050, 7111114111 2 0050, 70415
	Estate	M&E Estate	3,399 0	68 0	0 3,740	0	0	335 0	1,258 0	2,648	280	524			Stock	2 0034 1003
	Estate		0		3,740	-	0	0	0	0	280	524	4,544		Stock	2 3000, 1888.
	Estate	M&E Estate		0	-	0	0						4,544 12,656		Stock	2000,
	Estate	M&E Estate Estate Areas Sub Total	3,399	0 68	3,740 3,740	0	0	0 335	0 1,258	0 2,648	280 615	524 592	4,544		Stock	
	Estate	M&E Estate Estate Areas Sub Total Preliminaries 20%	0 3,399 680	0 68 14	3,740 3,740 748	0 0	0 0 0	0 335 67	0 1,258 252	0 2,648 530	280 615 123	524 592 118	4,544 12,656 2,531		Stock	Per Dwelling by Tenure
Building/ Asset	Estate	M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting	0 3,399 680 4,079	0 68 14 82 Year 2	3,740 3,740 748 4,488	0 0 0 0 0 Year 4	0 0 0 0 0	0 335 67 402 Yrs 06-10	0 1,258 252 1,510 Yrs 11-15	0 2,648 530 3,178 Yrs 16-20	280 615 123 737 Yrs 21-25	524 592 118 711	4,544 12,656 2,531 15,187 Yrs 1-30	% of Total	Stock	
		M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store	0 3,399 680 4,079	0 68 14 82 Year 2 0	3,740 3,740 748 4,488 Year 3	0 0 0 0 0 Year 4	0 0 0 0 Vear 5	0 335 67 402 Yrs 06-10 422	0 1,258 252 1,510 Yrs 11-15 9	0 2,648 530 3,178 Yrs 16-20 385	280 615 123 737 Yrs 21-25 47	524 592 118 711	4,544 12,656 2,531 15,187 Yrs 1-30 1,147	% of Total		Per Dwelling by Tenure
		M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total	0 3,399 680 4,079 Year 1 6 6	0 68 14 82 Year 2 0	3,740 3,740 748 4,488 Year 3 0	0 0 0 0 0 Year 4 0	0 0 0 0 7 270 270	0 335 67 402 Yrs 06-10 422 422	1,258 252 1,510 Yrs 11-15 9 9	2,648 530 3,178 Yrs 16-20 385 385	280 615 123 737 Yrs 21-25 47 47	524 592 118 711 Yrs 26-30	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147	% of Total		Per Dwelling by Tenure
		M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20%	0 3,399 680 4,079	0 68 14 82 Year 2 0 0	3,740 3,740 748 4,488 Year 3 0 0	0 0 0 0 0 Year 4 0 0	0 0 0 0 Year 5 270 270 54	335 67 402 Yrs 06-10 422 422 422 84	1,258 252 1,510 Yrs 11-15 9 9	2,648 530 3,178 Yrs 16-20 385 385 77	280 615 123 737 Yrs 21-25 47 47 9	7524 592 118 711 Yrs 26-30 9 9	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229	% of Total		Per Dwelling by Tenure
		M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total	0 3,399 680 4,079 Year 1 6 6	0 68 14 82 Year 2 0	3,740 3,740 748 4,488 Year 3 0	0 0 0 0 0 Year 4 0	0 0 0 0 7 270 270 54	0 335 67 402 Yrs 06-10 422 422	1,258 252 1,510 Yrs 11-15 9 9	2,648 530 3,178 Yrs 16-20 385 385 77	280 615 123 737 Yrs 21-25 47 47	524 592 118 711 Yrs 26-30	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147	% of Total		Per Dwelling by Tenure
		M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20%	0 3,399 680 4,079 Year 1 6 6	0 68 14 82 Year 2 0 0	3,740 3,740 748 4,488 Year 3 0 0	0 0 0 0 0 Year 4 0 0	0 0 0 0 Year 5 270 270 54	335 67 402 Yrs 06-10 422 422 422 84	1,258 252 1,510 Yrs 11-15 9 9	2,648 530 3,178 Yrs 16-20 385 385 77	280 615 123 737 Yrs 21-25 47 47 9	7524 592 118 711 Yrs 26-30 9 9	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229	% of Total		Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years
te Cleaners Store	Туре	M&E Estate Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total	0 3,399 680 4,079 Year 1 6 6 1	0 68 14 82 Year 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0	0 0 0 0 0 Year 4 0 0 0	0 0 0 0 70 270 270 54 324	0 335 67 402 Yrs 06-10 422 422 84 507	0 1,258 252 1,510 Yrs 11-15 9 9 2 10	0 2,648 530 3,178 Yrs 16-20 385 385 77 461	280 615 123 737 Yrs 21-25 47 47 9 56	524 592 118 711 Yrs 26-30 9 9 2	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
te Cleaners Store Building/ Asset		Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting	0 3,399 680 4,079 Year 1 6 6 1 7	0 68 14 82 Year 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0	0 0 0 0 7 9 9 0 0 0 0	0 0 0 0 79ear 5 270 270 54 324	9 335 67 402 Yrs 06-10 422 422 422 84 507	7rs 11-15 9 9 2 10 7rs 11-15	2,648 530 3,178 Yrs 16-20 385 385 77	280 615 123 737 Yrs 21-25 47 47 9 56	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376	% of Total % of Total		Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years
te Cleaners Store Building/ Asset rnal & Communal Decorations	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483	9 68 14 82 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0	0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 7/ear 5 270 270 54 324	335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483	7rs 16-20 385 377 461 Yrs 16-20 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30 4,483	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
te Cleaners Store Building/ Asset rnal & Communal Decorations	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations Decorations (Estate & Cleaners Stores)	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0	0 68 14 82 Year 2 0 0 0 Vear 2	3,740 3,740 748 4,488 Year 3 0 0 0 7	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 79ear 5 270 270 54 324 Year 5 0 0	335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483 876	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76	7rs 16-20 385 377 461 Yrs 16-20 0 800	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30 4,483 76	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376 Yrs 1-30 22,415 3,504		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
te Cleaners Store Building/ Asset rnal & Communal Decorations	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483	0 68 14 82 Year 2 0 0 0 Vear 2	3,740 3,740 748 4,488 Year 3 0 0 0 0 Year 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 7 Year 5 270 270 54 324 Year 5 0 0	9 335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483 876 5,359	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76 4,559	7rs 16-20 385 377 461 Yrs 16-20 0 800 800	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30 4,483 76 4,559	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
te Cleaners Store Building/ Asset rnal & Communal Decorations	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Estate Cleaners Store Total Group_Reporting Decorations Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20%	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483 897	0 68 14 82 Year 2 0 0 0 0 Vear 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 0 Year 3 0 800 800 800	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90 00 00 00 270 270 54 324 Year 5 0 0	9 335 67 402 422 422 84 507 507 4483 876 5,359 1,072	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76 4,559 912	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072	711 Yrs 26-30 9 2 100 Yrs 26-30 4,483 76 4,559 912	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483	0 68 14 82 Year 2 0 0 0 Vear 2	3,740 3,740 748 4,488 Year 3 0 0 0 0 Year 3	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90 00 00 00 270 270 54 324 Year 5 0 0	9 335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483 876 5,359	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76 4,559	7rs 16-20 385 377 461 Yrs 16-20 0 800 800	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30 4,483 76 4,559	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Estate Cleaners Store Total Group_Reporting Decorations Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20%	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483 897	0 68 14 82 Year 2 0 0 0 0 Vear 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 0 Year 3 0 800 800 800	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90 00 00 00 270 270 54 324 Year 5 0 0	9 335 67 402 422 422 84 507 507 4483 876 5,359 1,072	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76 4,559 912	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072	711 Yrs 26-30 9 2 100 Yrs 26-30 4,483 76 4,559 912	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years
Building/ Asset rnal & Communal Decorations Specialists Concrete Coatings & Towers)	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483 897 5,380	0 68 14 82 Year 2 0 0 0 0 7 Year 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 0 Year 3 0 800 800 160 961	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 270 270 54 324 Year 5 0 0 0 0 0 0 0 0 0	9 335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483 876 5,359 1,072 6,431	1,258 252 1,510 Yrs 11-15 9 2 10 Yrs 11-15 4,483 76 4,559 912 5,470	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431	524 592 118 711 Yrs 26-30 9 2 10 Yrs 26-30 4,483 76 4,559 912 5,470	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset rnal & Communal Decorations Specialists Concrete Coatings & Towers) Building/ Asset	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Decorations Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20%	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483 897	0 68 14 82 Year 2 0 0 0 0 Vear 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 0 Year 3 0 800 800 160 961	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 270 270 54 324 Year 5 0 0 0 0 0 0 0 0 0	9 335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483 876 5,359 1,072 6,431	1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76 4,559 912	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072	524 592 118 711 Yrs 26-30 9 2 10 Yrs 26-30 4,483 76 4,559 912 5,470	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184		Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years
Building/ Asset rnal & Communal Decorations Specialists Concrete Coatings & Towers) Building/ Asset	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total	9 3,399 680 4,079 Year 1 6 6 1 7 7 Year 1 4,483 97 5,380 Year 1	0 68 14 82 Year 2 0 0 0 0 7 Year 2 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 Year 3 Year 3 Year 3	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 Year 5 O Year 5 O Year 5 O O Year 5 O O Vear 5 Vear 5	9 335 67 402 Yrs 06-10 422 422 84 507 Yrs 06-10 4,483 876 5,359 1,072 6,431	1,258 252 1,510 Yrs 11-15 9 2 10 Yrs 11-15 4,483 76 4,559 912 5,470 Yrs 11-15	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431	524 592 118 711 Yrs 26-30 9 2 10 Yrs 26-30 4,483 76 4,559 912 5,470	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset rnal & Communal Decorations I Specialists Concrete Coatings & Towers) Building/ Asset rovement Measures Fedge Protection	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total	0 3,399 680 4,079 Year 1 6 6 1 7 Year 1 4,483 0 4,483 897 5,380 Year 1 0	0 68 14 82 Vear 2 0 0 0 0 0 0 0 0 0 0 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 0 800 800 160 961	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 270 270 54 324 Year 5 0 0	Yrs 06-10 Yrs 06-10 Yrs 06-10 Yrs 06-10 Yrs 06-10 4,483 876 5,359 1,072 6,431 Yrs 06-10 0	7rs 11-15 4,483 76 4,559 912 5,470	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961 Yrs 16-20 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431 Yrs 21-25 0	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30 4,483 76 4,559 912 5,470 Yrs 26-30 0	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103 Yrs 1-30 0	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset rnal & Communal Decorations I Specialists Concrete Coatings & Towers) Building/ Asset rovement Measures Edge Protection te Improvements - Access	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total	9 3,399 680 4,079 Year 1 6 6 1 7 7 Year 1 4,483 97 5,380 Year 1 0 1,857	0 68 14 82 Vear 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 0 800 800 160 961 Year 3 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 270 270 54 324 Year 5 0 0 0 7 Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 O O	7rs 11-15 4,483 76 4,559 912 5,470 7rs 11-15	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961 Yrs 16-20 0 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431 Yrs 21-25 0 0	524 592 118 711 Yrs 26-30 9 9 2 10 Yrs 26-30 4,483 76 4,559 912 5,470 Yrs 26-30 0 1,857	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103 Yrs 1-30 0 3,714	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/Asset rnal & Communal Decorations I Specialists Concrete Coatings & Towers) Building/Asset rovement Measures I Edge Protection te Improvements - Access	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total Group_Reporting	Year 1 Year 1 4,483 0 4,483 897 5,380 Year 1 0 1,857 0	Year 2 0 O O O O O O O O O O O O O	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 0 800 800 160 961 Year 3 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 270 270 54 324 Year 5 0 0 0 0 7 Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	9 335 67 402 422 422 84 507 507 4483 876 5,359 1,072 6,431 478 06-10 0 0 0 0 0 0	0 1,258 252 1,510 Yrs 11-15 9 9 2 10 Yrs 11-15 4,483 76 4,559 912 5,470 Yrs 11-15 0 0 0 0	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 800 800 961 Yrs 16-20 0 0 0 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431 Yrs 21-25 0 0 0 0	Yrs 26-30 P12 5,470 Yrs 26-30 0 0 1,857 0 0	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103 Yrs 1-30 0 3,714 0	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/Asset rnal & Communal Decorations I Specialists Concrete Coatings & Towers) Building/Asset rovement Measures I Edge Protection te Improvements - Access	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total Group_Reporting Decorations Sub Total Preliminaries 20% Decorations Total	Year 1 4,483 4,483 897 5,380 Year 1 0 1,857	9 0 68 14 82 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 Year 3 Year 3 Year 3 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 4,483 876 5,359 1,072 6,431 Yrs 06-10 0 0 0 0 0	7rs 11-15 7rs 11-15 4,483 76 4,559 912 5,470 7rs 11-15 0 0 0 0	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961 Yrs 16-20 0 0 0 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431 Yrs 21-25 0 0 0 0 0	Yrs 26-30 Yrs 26-30 Yrs 26-30 Yrs 26-30 Yrs 26-30 1,857 0 1,857	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103 Yrs 1-30 0 3,714 0 3,714	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset rnal & Communal Decorations I Specialists Concrete Coatings & Towers)	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total Group_Reporting Improvements Sub Total Preliminaries 20% Decorations Total	Year 1 4,483 0 4,483 897 5,380 Year 1 0 1,857 371	Year 2 0 0 Year 2 0 0 0 7 Year 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 Year 3 Year 3 Year 3 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 7 Year 4 0 0 0 0 7 Year 4 0 0 0 0 0 7 Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 Yrs 06-10 Yrs 06-10 Yrs 06-10 Yrs 06-10 O O O O O O O O O O O O O	7rs 11-15 4,483 76 4,559 912 5,470 Yrs 11-15 0 0 0 0 0	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 961 Yrs 16-20 0 0 0 0 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431 Yrs 21-25 0 0 0 0 0 0	Yrs 26-30 Yrs 26-30 Yrs 26-30 Yrs 26-30 Yrs 26-30 10 Yrs 26-30 1,857 0 1,857 371	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103 Yrs 1-30 0 3,714 0 3,714 743	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure
Building/ Asset rnal & Communal Decorations Specialists Concrete Coatings & Towers) Building/ Asset ovement Measures Edge Protection te Improvements - Access	Туре	Estate Areas Sub Total Preliminaries 20% Estate Areas Total Group_Reporting Estate Cleaners Store Estate Cleaners Store Sub Total Preliminaries 20% Estate Cleaners Store Total Group_Reporting Decorations Decorations (Estate & Cleaners Stores) Decorations Sub Total Preliminaries 20% Decorations Total Group_Reporting Decorations Sub Total Preliminaries 20% Decorations Total	Year 1 4,483 4,483 897 5,380 Year 1 0 1,857	9 0 68 14 82 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3,740 3,740 748 4,488 Year 3 0 0 0 Year 3 Year 3 Year 3 Year 3 O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Year 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yrs 06-10 4,483 876 5,359 1,072 6,431 Yrs 06-10 0 0 0 0 0	7rs 11-15 7rs 11-15 4,483 76 4,559 912 5,470 7rs 11-15 0 0 0 0	0 2,648 530 3,178 Yrs 16-20 385 77 461 Yrs 16-20 0 800 800 160 961 Yrs 16-20 0 0 0 0	280 615 123 737 Yrs 21-25 47 47 9 56 Yrs 21-25 4,483 876 5,359 1,072 6,431 Yrs 21-25 0 0 0 0 0	Yrs 26-30 Yrs 26-30 Yrs 26-30 Yrs 26-30 Yrs 26-30 1,857 0 1,857	4,544 12,656 2,531 15,187 Yrs 1-30 1,147 229 1,376 Yrs 1-30 22,415 3,504 25,919 5,184 31,103 Yrs 1-30 0 3,714 0 3,714	% of Total	Stock	Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure £ Cost/ Annum £ Cost/ Years Per Dwelling by Tenure

Manor Grove Houses - Freehold

														% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Houses - Freehold Split of Estate bas	sed costs													70 01 10tu1	Stock	L cost, rumani	1 6031/1 16013 1 30
	Houses	Shared Lighting Across Houses	0	0	37,021	0	0	0	0	0	12,340	0	49,361				
	Estate	Estate	5,854	117	0	0	0	577	2,167	4,561	577	117	13,971				
	Estate	M&E Estate	0	0	6,441	0	0	0	0	0	482	903	7,825				
	Estate	Estate Cleaners Store	10	0	0	0	465	727	15	662	81	15	1,975				
	Estate	Estate Area & Cleaners Store Decorations	0	0	1,379	0	0	1,509	130	1,379	1,509	130	6,034				
		Manor Grove Houses - Freehold Sub Total	5,864	117	44,840	0	465	2,813	2,312	6,602	14,988	1,165	79,166				
		Preliminaries 20%	1,173	23	8,968	0	93	563	462	1,320	2,998	233	15,833				
		Manor Grove Houses - Freehold Sub Total	7,037	141	53,808	0	558	3,375	2,774	7,922	17,986	1,398	94,999	100%	31	102.15	3,064.49
																Per Dwe	lling by Tenure
Build	ding/ Asset Type	e Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	% of Total	Stock	£ Cost/ Annum	£ Cost/ Years 1-30
Improvement Measures																	
Roof Edge Protection			0	0	0	0	0	0	0	0	0	0	0				
Estate Improvements - Access			3,199	0	0	0	0	0	0	0	0	3,199	6,398				
Cold Bridging		_	0	0	0	0	0	0	0	0	0	0	0				
		Improvements Sub Total	3,199	0	0	0	0	0	0	0	0	3,199	6,398				
		Preliminaries 20%	640	0	0	0	0	0	0	0	0	640	1,280				
		Improvements Total	3,839									3,839	7,678	100.00%	31	8.26	247.66

53,808

3,375

558

2,774

7,922

Other Assets

Estate Garages - Excludes Garages to Towers/ Below Heversham House

Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Estate Garages (Manor Grove Site Only)	Garages	Garages	2,902	0	0	0	16,534	0	0	11,645	45,307	26,910	103,298
		Estate Garages - Structural Contingency	12,000	0	0	0	0	0	0	0	0	0	12,000
		Garages Sub Total	14,902	0	0	0	16,534	0	0	11,645	45,307	26,910	115,298
		Preliminaries 20%	2,980	0	0	0	3,307	0	0	2,329	9,061	5,382	23,060
		Garages Total	17,882	0	0	0	19,841	0	0	13,974	54,368	32,292	138,358
	Garages	Estate Area & Cleaners Store Decorations	0	0	2,752	0	0	2,752	0	2,752	2,752	0	11,008
		Garages Decorations Sub Total	0	0	2,752	0	0	2,752	0	2,752	2,752	0	11,008
		Preliminaries 20%	0	0	550	0	0	550	0	550	550	0	2,202
		Garages Decorations Total	0	0	3,302	0	0	3,302	0	3,302	3,302	0	13,210
Installation of Boiler House - For New SELCHP (M&E)			15,800	0	0	0	0	0	0	2,880	0	0	18,680
		Preliminaries 20%	3,160	0	0	0	0	0	0	576	0	0	3,736
		Total	18,960	0	0	0	0	0	0	3,456	0	0	22,416

10,875

141

Manor Grove Houses - Freehold Total

Retail/ Business Units (Shell & Core) Only - Includes Rear Windows & Doors

Building/ Asset	Туре	Group_Reporting	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Retail Unit	External	Windows	0	10,027	0	0	1,114	20,000	0	0	0	0	31,141
Retail Unit	Internal	Drainage - Above Ground	1,200	0	0	0	0	0	0	0	0	0	1,200
Retail Unit	Internal	External Doors	4,994	0	669	0	5,591	5,414	4,194	0	0	0	20,862
Retail Unit	Internal	Internal Structure & Finishes	700	3,069	0	0	346	1,039	0	1,210	1,296	0	7,660
		Estate Office Sub Total	6,894	13,096	669	0	7,051	26,453	4,194	1,210	1,296	0	60,863
		Preliminaries 20%	1,379	2,619	134	0	1,410	5,291	839	242	259	0	12,173
		Retail Units Total	8,273	15,715	803	0	8,461	31,744	5,033	1,452	1,555	0	73,036
Management & Cont	tingency												
Below Ground Drainage contingency			100,000	0	0	0	0	0	0	0	0	0	100,000
Asbestos Management Per annum - Southwark Council			0	0	0	0	0	0	0	0	0	0	0
		Preliminaries 20%	20,000	0	0	0	0	0	0	0	0	0	20,000
		Management & Contingency Total	120,000	0	0	0	0	0	0	0	0	0	120,000
Void Maintenance (Excludes Cyclical 8	O Dosmonsius) Total	_	30,231	36,078	37,065	36,078	30,231	170,773	172,065	162,848	170,773	169,682	1,015,824

	Per Dwelling by Tenure						
Stock	£ Cost/ Annum	£ Cost/ Years 1-30					
	Stock						

270.50

5,237

102,677

17,986

100.00%

100.00%

31

Per Dwelling by Tenure

110.41

3,312.16

8,115.07

28.12

28.12

28.12

28.12

28.12

28.12

843.71

843.71

843.71

843.71

843.71

843.71

	Allu IVI	echanical Elec	cti icai cos	ts, Exclusiv	e or min	Jioveille	ilis, Piole	essibilai Fe	es & VAI			
Tower Blocks		Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Estate												
Ambleside House	Estate	13,597	273	0	0	(1,340	5,033	10,593	1,340	273	32,448
	M&E Estate	0	0	14,959	0	(0 0	0	0	1,118	2,097	18,175
	Ambelside House To	otal 13,597	273	14,959	0	(1,340	5,033	10,593	2,458	2,370	50,622
	Preliminaries 2	2,719	55	2,992	0	(268	1,007	2,119	492	474	10,124
		16,316	327	17,951	0	(1,608	6,040	12,712	2,950	2,844	60,747
	By Ten	ure										
	SC Ren	ted 14,277	286	15,707	0	(1,407	5,285	11,123	2,581	2,488	53,154
	Leaseh	old 2,040	41	2,244	0	(201	755	1,589	369	355	7,593
Grasmere Point	Estate	13,597	273	0	0	(1,340	5,033	10,593	1,340	273	32,448
	M&E Estate	0	0	14,959	0	(0 0	0	0	1,118	2,097	18,175
	Grasmere Point To	otal 13,597	273	14,959	0	(1,340	5,033	10,593	2,458	2,370	50,622
	Preliminaries 2	2,719	55	2,992	0	(268	1,007	2,119	492	474	10,124
		16,316	327	17,951	0	(1,608	6,040	12,712	2,950	2,844	60,747
	By Ten	ure										
	SC Ren		318	17,452		(1,563			2,868		59,060
	Leaseh	old 453	9	499	0	(0 45	168	353	82	79	1,687
Windermere Point	Estate	13,786	276	0	0	(_,	5,103	10,740			32,898
	M&E Estate	0	0	15,167	0	(0 0	0		1,134	2,126	18,427
	Windermere Point To	-,	276	15,167	0	(1,358	5,103	10,740	2,492	2,403	51,326
	Preliminaries 2		55	3,033		(272			498		10,265
		16,543	332	18,200	0	(1,630	6,123	12,888	2,991	2,883	61,591
	By Ten											
	SC Ren	ted 14,050	282	15,458	0	(. ,			2,540	2,449	52,310

2,493

50

2,743

0

246

923

1,942

451

434

9,281

Leasehold

Cashflow Exclusions:

Cyclical, Responsive & Void Maintenance

Appendix C Survey Design

Intesting & Net Water 138 Cold Water Storage 155 Ans Secul. None or Now Value 138 Cold Water Storage 175 Ans None Now Value 138 Cold Water Storage 175 Ans None 175 No							
Nestring & Not Water 138 Cold Water Storage YES Ass Block Tank Room Nestring & Not Water 139 Cold Water Storage YES Num Internal Natura Direct Natura Natura Direct Natura	Group Reporting	Q Ref	Question Heading	2ndry_Q	Unit	Type	Answer
Nesting & 1510 Water 138 Codd Water Storage YS	Heating & Hot Water	138	Cold Water Storage	YES	Ans	Block	None or None Visible
Name Marchage 135 Cold Water Storage YES Num Internal Name	Heating & Hot Water	138	Cold Water Storage	YES	Ans	Block	Tank in Roof space
Name Netering & Not Water 19 Cold Water Storage YES Num Internal Tank in food space Netering & Not Water 19 Cold Water Storage YES Num Internal Combination Trank/Cyl	Heating & Hot Water	138	Cold Water Storage	YES	Ans	Block	Tank Room
Notesting & Not Weet 19 Cold Weet Storage YES Num Internal Community 19 Cold Weet Storage YES Num 19 Cold Weet Storage YES	Heating & Hot Water	139	Cold Water Storage	YES	Num	Internal	Mains Direct
Notesting & 14-00 Water 130 Cold Water Sorage YES Num	Heating & Hot Water	139	Cold Water Storage	YES	Num	Internal	Tank in Roof space
Restring & 140 Water 139 Cold Water Storage YS Num Internal Communal Heating & 140 Water 139 Cold Water Storage YS Num Internal Omnomination 140 Root	Heating & Hot Water	139	Cold Water Storage	YES	Num	Internal	Tank In Cupboard
Restring & 140 Water 139 Cold Water Storage YS Num Internal Communal Heating & 140 Water 139 Cold Water Storage YS Num Internal Omnomination 140 Root							·
Nestrong & Not Water 1,390 Cole Water Storage NES Num			-				
Roofs			<u> </u>				
Roels 140 Root lot involation YES M22 Internal 30-50mm Roods 140 Root lot involation YES M2 Internal 150-150mm Roods 140 Root lot involation YES M2 Internal 150-250mm Roods 140 Root lot involation YES M2 Internal 150-250mm Roods 140 Root lot involation YES M2 Internal 150-250mm Roofs 140 Root lot involation YES M2 Internal 250-250mm Roofs 140 Root lot involation YES M2 Internal 250-250mm Roofs 141 Root lot involation YES M2 Internal 240-Root lot final Root Roofs 141 Root lot involation YES Ars Block 0-00mm Roofs 141 Root lot involation YES Ars Block 0-00mm Roofs 141 Root lot involation YES Ars Block 0-00mm Roofs 141 Root lot involation YES							
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Roofs							
Report		-	** * * * * * * * * * * * * * * * * * * *				
No.	Roofs	140	Roof Loft Insulation	YES	M2	Internal	100-150mm
Roofs	Roofs	140	Roof Loft Insulation	YES	M2	Internal	150-200mm
Roofs	Roofs	140	Roof Loft Insulation	YES	M2	Internal	200-250mm
Roofs	Roofs	140	Roof Loft Insulation	YES	M2	Internal	250-280mm
Roofs	Roofs	140	Roof Loft Insulation	YES	M2	Internal	280mm +
Roofs	Roofs	140	Roof Loft Insulation	YES	M2	Internal	No access
Roofs 141 Nool 1 oft Insulation YES Ans Block 0mm Roofs 141 Nool 1 oft Insulation YES Ans Block 50 100mm Roofs 141 Nool 1 oft Insulation YES Ans Block 10 100mm Roofs 141 Nool 1 oft Insulation YES Ans Block 10 20 20mm Roofs 141 Nool 1 oft Insulation YES Ans Block 200 280mm Roofs 141 Rool 1 oft Insulation YES Ans Block 200 280mm Roofs 141 Rool 1 oft Insulation YES Ans Block 200 280mm Roofs 141 Rool 1 oft Insulation YES Ans Block 200 280mm Roofs 141 Roof 1 oft Insulation YES Ans Block No Roofs 141 Roof 1 oft Insulation NO Ans Block No Roofs 142 Roof 1 per Insulation NO Ans Block No Roofs 143 Roof 1 per Insulation NO Ans <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>							
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Roofs	Roofs		** * * * * * * * * * * * * * * * * * * *	YES	Ans	Block	200-250mm
Reofs	Roofs	141	Roof Loft Insulation	YES	Ans	Block	250-280mm
Bathrooms	Roofs	141	Roof Loft Insulation	YES	Ans	Block	280mm +
Bathrooms	Roofs	141	Roof Loft Insulation	YES	Ans	Block	No access
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Bathrooms	Bathrooms	144	Bathroom	YES	Num	Block	Bath WHB only
Bathrooms	Bathrooms	144	Bathroom	YES	Num	Block	Bath WC only
Bathrooms 145 Bathroom YES Num Internal Bath WHB only Bathrooms 145 Bathroom YES Num Internal Rathrooms 145 Bathroom YES Num Internal No Bath WC with Present 145 Bathroom YES Num Internal No Bath WC with Present 146 Bathrooms 146 Shower over bath YES Num Internal No Bath WC with Present 146 Shower over bath YES Num Internal No Bath WC with Present 146 Shower over bath YES Num Internal No Bathrooms 146 Shower over bath YES Num Internal Relations 146 Shower over bath YES Num Internal Relations 147 Shower over bath YES Num Block None Bathrooms 147 Shower over bath YES Num Block None Bathrooms 147 Shower over bath YES Num Block None Relations 147 Shower over bath YES Num Block None Bathrooms 147 Shower over bath YES Num Block None Relations 148 Separate Shower Enclosure YES Num Internal None None None None None None None None	Bathrooms	145	Bathroom	YES	Num	Internal	None
Bathrooms	Bathrooms	145	Bathroom	YES	Num	Internal	Bath WC WHB present
Bathrooms	Bathrooms	145	Bathroom	YES	Num	Internal	Bath WHB only
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Bathrooms 157 Bathroom Space Layout NO Ans Internal Inadequate Space - improvement possible Bathrooms 157 Bathroom Space Layout NO Ans Internal Access through main bedroom Bathrooms 157 Bathroom Space Layout NO Ans Internal WC is external Bathrooms 157 Bathroom Space Layout NO Ans Internal WC without WHB off kitchen Bathrooms 158 Bathroom Space Layout NO Ans Internal WC/ nearest WHB not on same floor Bathrooms 158 Bathroom Space Layout NO Ans Block None	Bathrooms	157	Bathroom Space Layout	NO	Ans	Internal	Inadequate- Improvement Not Possible
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Bathrooms 158 Bathroom Space Layout NO Ans Block None							
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Bathrooms 158 Bathroom Space Layout NO Ans Block Satisfactory	Bathrooms				Ans		None
	Bathrooms	158	Bathroom Space Layout	NO	Ans	Block	Satisfactory

Group Reporting	Q Ref	Question Heading	2ndry_Q	i e	Туре	Answer
Bathrooms	158	Bathroom Space Layout	NO	Ans	Block	Inadequate- Improvement Not Possible
Bathrooms	158	Bathroom Space Layout	NO	Ans	Block	Inadequate Space - Improvement possible
Bathrooms	159	WC Additional	YES	Num	Internal	None
Bathrooms	159	WC Additional	YES	Num	Internal	WC and WHB present
Bathrooms	159	WC Additional	YES	Num	Internal	WC only
Bathrooms		WC Additional	YES	Num	Block	None
Bathrooms	_	WC Additional	YES	Num	Block	WC and WHB present
	_				_	
Bathrooms	_	WC Additional	YES	Num	Block	WC only
Bathrooms		WC Extract fan	YES	Num	Internal	Present
Bathrooms	161	WC Extract fan	YES	Num	Internal	Not Present, not feasible
Bathrooms	161	WC Extract fan	YES	Num	Internal	Not Present, feasible
Bathrooms	161	WC Extract fan	YES	Num	Internal	Mechanical System
Bathrooms	_	WC Extract fan	YES	Num	Internal	Not Applicable
Bathrooms		Extract fans WC Only	YES	Num	Block	Present
	_	•			_	
Bathrooms	_	Extract fans WC Only	YES	Num	Block	Passive Air extraction
Bathrooms		Extract fans WC Only	YES	Num	Block	Not present feasible
Bathrooms	162	Extract fans WC Only	YES	Num	Block	N/A
Orainage - Above Ground	163	Internal Soil Vent Pipe	YES	LM	Internal	Cast Iron
Orainage - Above Ground	163	Internal Soil Vent Pipe	YES	LM	Internal	UPVC
Orainage - Above Ground		Internal Soil Vent Pipe	YES	LM	Internal	Not seen
Orainage - Above Ground		Internal Soil Vent Pipe	YES	LM	Block	Cast Iron
-		·			_	
Orainage - Above Ground		Internal Soil Vent Pipe	YES	LM	Block	UPVC
Orainage - Above Ground		Internal Soil Vent Pipe	YES	LM	Block	Not seen
Citchens	166	Kitchen	YES	Num	Internal	None
Citchens	166	Kitchen	YES	Num	Internal	Up to 5 Units
Citchens	_	Kitchen	YES	Num	Internal	6 to 8 Units
Citchens		Kitchen	YES	Num	Internal	9 to 12 Units
		** *			_	1 1 1
Kitchens		Kitchen	YES	Num	Internal	13 to 15 Units
Citchens		Kitchen	YES	Num	Block	None
Citchens	167	Kitchen	YES	Num	Block	Up to 5 Units
Citchens	167	Kitchen	YES	Num	Block	6 to 8 Units
Citchens	167	Kitchen	YES	Num	Block	9 to 12 Units
Citchens	_	Kitchen	YES	Num	Block	Kitchen - Catering or Commercial
Citchens			YES	Ans	Internal	Adequate Good
		Kitchen Space Layout				·
Citchens		Kitchen Space Layout	YES	Ans	Internal	Inadequate Poor
Citchens	168	Kitchen Space Layout	YES	Ans	Internal	Not Applicable
Citchens	171	Kitchen Extractor Fan	YES	Num	Block	Present
Kitchens	171	Kitchen Extractor Fan	YES	Num	Block	Not Present
Kitchens	171	Kitchen Extractor Fan	YES	Num	Block	Install extractor fan
Kitchens		Kitchen Extractor Fan	YES	Num	Block	Passivent
				-		1
Kitchens	_	Kitchen Extractor Fan	YES	Num	Internal	Present
Kitchens	_	Kitchen Extractor Fan	YES	Num	Internal	Not Present
Kitchens	172	Kitchen Extractor Fan	YES	Num	Internal	Mechanical System
	173	Communal Area Size and Layout	NO	Ans	Internal	Adequate
	173	Communal Area Size and Layout	NO	Ans	Internal	Inadequate Improvement Possible
		Communal Area Size and Layout	NO	Ans	Internal	Inadequate Improvement Not Possible
Stairs & Balconies		Communal Stair Structure	YES	Num	Block	None
	_				_	Concrete Staircase
Stairs & Balconies	_	Communal Stair Structure	YES	Num	Block	111111111111111111111111111111111111111
Stairs & Balconies		Communal Stair Structure	YES	Num	Block	Steel Staircase
Stairs & Balconies	174	Communal Stair Structure	YES	Num	Block	Timber Staircase
Stairs & Balconies	175	Floor Covering stairs	YES	Num	Block	None
Stairs & Balconies	175	Floor Covering stairs	YES	Num	Block	carpet
Stairs & Balconies		Floor Covering stairs	YES	Num	Block	Vinyl sheet or tile
		Floor Covering stairs			_	·
Stairs & Balconies	_	-	YES	Num	Block	Other
Stairs & Balconies	_	Communal handrail	YES	LM	Block	None
Stairs & Balconies	_	Communal handrail	YES	LM	Block	Timber
Stairs & Balconies	176	Communal handrail	YES	LM	Block	metal
Stairs & Balconies	177	Floor finish Corridors	YES	M2	Block	None
Stairs & Balconies		Floor finish Corridors	YES	M2	Block	Carpet
Stairs & Balconies		Floor finish Corridors	YES	M2	Block	Ceramic Tile
	_					
Stairs & Balconies		Floor finish Corridors	YES	M2	Block	Vinyl sheet or tile
Stairs & Balconies		Floor finish Corridors	YES	M2	Block	Non-slip vinyl sheet
Stairs & Balconies	177	Floor finish Corridors	YES	M2	Block	Laminate
	179	Heating Fuel Main	NO	Ans	Internal	Gas
	1/0	Heating Fuel Main	NO	Ans	Internal	Electric
		ricating rueriviani		Ans	Internal	Solid Fuel
	178		NO			
	178 178	Heating Fuel Main	NO NO			
	178 178 178	Heating Fuel Main Heating Fuel Main	NO	Ans	Internal	Oil
	178 178 178 178	Heating Fuel Main Heating Fuel Main Heating Fuel Main	NO NO	Ans Ans	Internal Internal	Oil Biomass
	178 178 178 178 178	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main	NO NO NO	Ans Ans Ans	Internal Internal Internal	Oil Biomass Other
leating & Hot Water	178 178 178 178 178	Heating Fuel Main Heating Fuel Main Heating Fuel Main	NO NO	Ans Ans	Internal Internal	Oil Biomass
	178 178 178 178 178 178	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main	NO NO NO	Ans Ans Ans	Internal Internal Internal	Oil Biomass Other
Heating & Hot Water	178 178 178 178 178 178 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler	NO NO NO YES YES	Ans Ans Ans Num	Internal Internal Internal Block Block	Oil Biomass Other No Central heating Communal Cond Combi
Heating & Hot Water Heating & Hot Water	178 178 178 178 178 178 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler	NO NO NO YES YES YES	Ans Ans Ans Num Num	Internal Internal Internal Block Block Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi
Heating & Hot Water Heating & Hot Water Heating & Hot Water	178 178 178 178 178 178 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler	NO NO NO YES YES YES YES	Ans Ans Ans Num Num Num	Internal Internal Internal Block Block Block Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Standard
Heating & Hot Water Heating & Hot Water Heating & Hot Water Heating & Hot Water	178 178 178 178 178 178 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler Boiler Boiler Boiler	NO NO NO YES YES YES YES YES YES	Ans Ans Ans Num Num Num Num Num	Internal Internal Internal Block Block Block Block Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air
Heating & Hot Water Heating & Hot Water Heating & Hot Water Heating & Hot Water	178 178 178 178 178 178 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler	NO NO NO YES YES YES YES	Ans Ans Ans Num Num Num	Internal Internal Internal Block Block Block Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Standard
Heating & Hot Water Heating & Hot Water Heating & Hot Water Heating & Hot Water Heating & Hot Water	178 178 178 178 178 180 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler Boiler Boiler Boiler	NO NO NO YES YES YES YES YES YES	Ans Ans Ans Num Num Num Num Num	Internal Internal Internal Block Block Block Block Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air
Heating & Hot Water	178 178 178 178 178 180 180 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler Boiler Boiler Boiler Boiler	NO NO YES YES YES YES YES YES YES YES YES	Ans Ans Ans Num Num Num Num Num Num Num	Internal Internal Internal Block Block Block Block Block Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air Night Storage
Heating & Hot Water	178 178 178 178 178 180 180 180 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler	NO NO NO YES	Ans Ans Ans Num	Internal Internal Internal Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air Night Storage Night Storage & panel Panel Heaters Only
Heating & Hot Water	178 178 178 178 178 180 180 180 180 180 180 180 180	Heating Fuel Main Boiler Boiler Boiler Boiler Boiler Boiler Boiler Boiler Heating Extent	NO NO NO YES	Ans Ans Ans Num	Internal Internal Internal Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air Night Storage Night Storage & panel Panel Heaters Only None
Heating & Hot Water	178 178 178 178 178 180 180 180 180 180 180 180 180 180 18	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Heating Extent Heating Extent	NO NO NO YES	Ans Ans Ans Num Num Num Num Num Num Num Num Ans Ans	Internal Internal Internal Internal Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Standard Warm Air Night Storage Night Storage & panel Panel Heaters Only None
Heating & Hot Water	178 178 178 178 178 180 180 180 180 180 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler Boiler Boiler Boiler Heating Event Heating Extent Heating Extent Heating Extent Heating Extent	NO NO NO NO YES YES YES YES YES YES YES YES NO NO NO	Ans Ans Ans Num	Internal Internal Internal Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air Night Storage Night Storage & panel Panel Heaters Only None Full Partial
Heating & Hot Water	178 178 178 178 178 180 180 180 180 180 180 180 180 180	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Heating Extent Heating Extent	NO NO NO YES	Ans Ans Ans Num Num Num Num Num Num Num Num Ans Ans	Internal Internal Internal Internal Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Standard Warm Air Night Storage Night Storage & panel Panel Heaters Only None
Heating & Hot Water	178 178 178 178 178 178 178 178 180 180 180 180 180 180 181 181 181 18	Heating Fuel Main Heating Fuel Main Heating Fuel Main Heating Fuel Main Boiler Boiler Boiler Boiler Boiler Boiler Boiler Heating Event Heating Extent Heating Extent Heating Extent Heating Extent	NO NO NO NO YES YES YES YES YES YES YES YES NO NO NO	Ans Ans Ans Num Num Num Num Num Num Num Ans Ans Ans	Internal Internal Internal Internal Block	Oil Biomass Other No Central heating Communal Cond Combi Communal Combi Communal Standard Warm Air Night Storage Night Storage & panel Panel Heaters Only None Full Partial

Group Reporting	Q Ref	Question Heading	2ndry_Q	Unit	Туре	Answer
Heating & Hot Water	183	Boiler	YES	Num	Internal	Domestic Cond Combi
Heating & Hot Water	183	Boiler	YES	Num	Internal	Domestic Combi
Heating & Hot Water	183	Boiler	YES	Num	Internal	Domestic Standard
Heating & Hot Water	183	Boiler	YES	Num	Internal	Night Storage
Heating & Hot Water	183	Boiler	YES	Num	Internal	Night Storage & panel
Heating & Hot Water	183	Boiler	YES	Num	Internal	Domestic Back Boiler & Fire Front
Heating & Hot Water		Boiler	YES	Num	Internal	Domestic Electric Wet System
Heating & Hot Water	183	Boiler	YES	Num	Internal	Warm Air
Heating & Hot Water		Boiler	YES	Num	Internal	Solid/ Multi Fuel Stove
Heating & Hot Water	183	Boiler	YES	Num	Internal	Panel Heaters Only
Heating & Hot Water		Boiler	YES	Num	Internal	Communal Cond Combi
Heating & Hot Water		Boiler	YES	Num	Internal	Communal Combi
Heating & Hot Water		Boiler	YES	Num	Internal	Communal Standard
Heating & Hot Water		Boiler	YES	Num	Internal	No Central heating
Heating & Hot Water		Radiators & Distribution	YES	Num	Block	Standard rads
Heating & Hot Water		Radiators & Distribution	YES	Num	Block	None
Heating & Hot Water		Radiators & Distribution	YES	Num	Block	LST Radiators
Heating & Hot Water		Radiators & Distribution	YES	Num	Block	Underfloor Heating from Boiler
Heating & Hot Water		Radiators & Distribution	YES	Num	Internal	Standard rads
Heating & Hot Water		Radiators & Distribution	YES	Num	Internal	None
Heating & Hot Water		Radiators & Distribution	YES	Num	Internal	LST Radiators
Heating & Hot Water		Radiators & Distribution	YES	Num	Internal	Underfloor Heating from Boiler
		Radiator TRVs	NO	Ans	Internal	Present
		Radiator TRVs	NO	Ans	Internal	None
Heating & Hot Water		Heating Hot water	YES	Num	Internal	From Combi/ Condensing Boiler
Heating & Hot Water		Heating Hot water	YES	Num	Internal	Communal No Cylinder
Heating & Hot Water		Heating Hot water	YES	Num	Internal	Pressurised Cylinder
Heating & Hot Water		Heating Hot water	YES	Num	Internal	Non Pressurised Cylinder
Heating & Hot Water		Heating Hot water	YES	Flats	Block	None
Heating & Hot Water		Heating Hot water	YES	Flats	Block	From Combi/ Condensing Boiler
Heating & Hot Water		Heating Hot water	YES	Flats	Block	Calorifier
		Hot & Cold Water Distribution	YES	Flats	Block	N/A
		Hot & Cold Water Distribution	YES	Flats	Block	Copper
		Hot & Cold Water Distribution	YES	Flats	Block	Galvanised
		Hot & Cold Water Distribution	YES	Flats	Block	Plastic
		Hot & Cold Water Distribution	YES	Flats	Block	Lead
Electrical Installations		Hot & Cold Water Distribution	YES	Flats	Block	Mixed
Electrical Installations		Power & Lighting	YES	Flats	Block	None
Electrical Installations		Power & Lighting	YES	Flats	Block	Rewire
Electrical Installations		Power & Lighting	YES	Flats	Block	Partial rewire
Electrical Installations		Consumer Unit Type	YES	Num	Block	None
Electrical Installations		Consumer Unit Type	YES	Num	Block	Communal
Electrical Installations Electrical Installations		Emergency Lighting	YES	Num	Block	Present Net Present
Electrical Installations		Emergency Lighting	YES	Num	Block	Not Present
Electrical Installations		Door Entry System	YES	Flats	Block	None
Electrical Installations		Door Entry System Door Entry System	YES	Flats	Block	Concierge Voice and Camera
Electrical Installations		Door Entry System	YES	Flats	Block	Voice Only
Electrical Installations		Door Entry System	YES	Flats	Block	Push button
Electrical Installations		Intruder alarm system	NO	Ans	Block	
Electrical Installations		Intruder alarm system	NO	Ans	Block	None Linked
Electrical Installations		Intruder alarm system	NO	Ans	Block	Independent
Building Services		Fire Fighting Equipment	NO	Ans	Block	Not Applicable
Building Services		Fire Fighting Equipment	NO	Ans	Block	No
Building Services		Fire Fighting Equipment	NO	Ans	Block	Yes
Laundry		Laundry	NO	Ans	Block	No
Laundry		Laundry	NO	Ans	Block	Yes
Laundry		Laundry Floor Covering	YES	M2	Block	Vinyl
Laundry		Laundry Floor Covering	YES	M2	Block	Ceramic
Laundry		Laundry Sink	YES	Num	Block	no sink
Laundry		Laundry Sink	YES	Num	Block	sink unit < 3m worktop
Laundry		Laundry Sink	YES	Num	Block	sink unit > 3m worktop
Laundry		Laundry Extract fan	YES	Num	Block	Extractor fan present
Laundry		Laundry Extract fan	YES	Num	Block	Extractor fan not present
Laundry		Laundry Extract fan	YES	Num	Block	Install Extractor fan
Internal Doors		Internal Doors Fire	YES	Num	Block	None None
Internal Doors		Internal Doors Fire	YES	Num	Block	Fire Door Std Glazing
Internal Doors		Internal Doors Fire	YES	Num	Block	Fire Door Toughened Glazing
Internal Doors		Internal Doors Fire	YES	Num	Block	Fire Door Toughered Glazing
Internal Doors		Internal Doors Non Fire	YES	Num	Block	None
Internal Doors		Internal Doors Non Fire	YES	Num	Block	Softwood Unglazed
Internal Doors		Internal Doors Non Fire	YES	Num	Block	Softwood Onglazed Softwood Toughened Glazing
Internal Doors		Internal Doors Non Fire	YES	Num	Block	Softwood Toughened Glazing Softwood Std Glazing
					_	•
Internal Doors		Internal Doors Non Fire	YES	Num	Block	Composite Std Glazing
Internal Doors		Internal Doors Non Fire	YES	Num	Block	Composite Linguage
Internal Doors		Internal Doors Non Fire	YES	Num	Block	Composite Unglazed
Internal Doors		Internal Doors	YES	Num	Internal	Softwood Unglazed
Internal Doors		Internal Doors	YES	Num	Internal	Softwood Std Glazing
Internal Doors		Internal Doors	YES	Num	Internal	Softwood Toughened Glazing
Internal Doors		Internal Doors	YES	Num	Internal	Fire Door Std Glazing
Internal Doors		Internal Doors	YES	Num	Internal	Fire Door Toughened Glazing
Internal Doors	218	Internal Doors	YES	Num	Internal	Fire Door Unglazed
Internal Doors		Internal Doors	YES	Num	Internal	Composite Std Glazing

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Internal Doors		Internal Doors	YES	Num	Internal	Composite Toughened Glazing
Internal Doors		Internal Doors	YES	Num	Internal	Composite Unglazed
Internal Doors		Internal Doors	YES	Num	Internal	None
Internal Structure & Finishes		Internal Walls Structural Stability	YES	M2	Internal	No cracking
Internal Structure & Finishes		Internal Walls Structural Stability	YES	M2	Internal	Cracking - Differential
Internal Structure & Finishes		Internal Walls Structural Stability	YES	M2	Internal	Cracking Suspected Structural
Internal Structure & Finishes		Internal Walls Structural Stability	YES	M2	Block	No cracking
Internal Structure & Finishes		Internal Walls Structural Stability	YES	M2	Block	Cracking
Internal Structure & Finishes		Floors Structural Stability	YES	M2	Internal	No defects
Internal Structure & Finishes		Floors Structural Stability	YES	M2	Internal	Concrete Floor Heave
Internal Structure & Finishes		Floors Structural Stability	YES	M2	Internal	Timber Floor deflection
Internal Structure & Finishes		Floors Structural Stability	YES	M2	Block	No defects
Internal Structure & Finishes		Floors Structural Stability	YES	M2	Block	Concrete Floor Heave
Internal Structure & Finishes		Floors Structural Stability	YES	M2	Block	Timber Floor deflection
Roofs		Roofs	YES	M2	Block	Concrete Tiles
Roofs		Roofs	YES	M2	Block	Natural slates
Roofs		Roofs	YES	M2	Block	Artificial slates
Roofs		Roofs	YES	M2	Block	Clay
Roofs		Roofs	YES	M2	Block	Felt
Roofs		Roofs	YES	M2	Block	Asphalt
Roofs		Roofs	YES	M2	Block	Metal
Roofs	-	Roofs	YES	M2	Block	Water Proof membrane
Roofs		Roofs	YES	M2	Block	Sedum
Roofs		Roofs	YES	M2	Block	Other/specialist
Roofs		Roof Finish Main	YES	M2	External	Concrete Tiles
Roofs		Roof Finish Main	YES	M2	External	Natural slates
Roofs		Roof Finish Main	YES	M2	External	Artificial slates
Roofs		Roof Finish Main	YES	M2	External	Clay
Roofs		Roof Finish Main	YES	M2	External	Felt
Roofs		Roof Finish Main	YES	M2	External	Asphalt
Roofs		Roof Finish Main	YES	M2	External	Metal
Roofs		Roof Finish Main	YES	M2	External	Water Proof membrane
Roofs		Roof Finish Main	YES	M2	External	Sedum
Roofs	226	Roof Finish Main	YES	M2	External	Other/specialist
Roofs	227	Roof Finish Main	YES	M2	Block	Concrete Tiles
Roofs		Roof Finish Main	YES	M2	Block	Natural slates
Roofs		Roof Finish Main	YES	M2	Block	Artificial slates
Roofs		Roof Finish Main	YES	M2	Block	Clay
Roofs	227	Roof Finish Main	YES	M2	Block	Felt
Roofs	227	Roof Finish Main	YES	M2	Block	Asphalt
Roofs	227	Roof Finish Main	YES	M2	Block	Metal
Roofs	227	Roof Finish Main	YES	M2	Block	Water Proof membrane
Roofs	227	Roof Finish Main	YES	M2	Block	Sedum
Roofs	227	Roof Finish Main	YES	M2	Block	Other/specialist
Roofs	228	Flashing - Main Roof	YES	LM	External	None
Roofs		Flashing - Main Roof	YES	LM	External	Lead
Roofs		Flashing - Main Roof	YES	LM	External	Zinc
Roofs		Flashing - Main Roof	YES	LM	External	Copper
Roofs		Flashing - Main Roof	YES	LM	External	Felt
Roofs		Flashing - Main Roof	YES	LM	External	Other
Roofs		Flashing - Main Roof	YES	LM	Block	None
Roofs		Flashing - Main Roof	YES	LM	Block	Lead
Roofs		Flashing - Main Roof	YES	LM	Block	Zinc
Roofs		Flashing - Main Roof	YES	LM	Block	Copper
Roofs		Flashing - Main Roof	YES	LM	Block	Felt
Roofs		Flashing - Main Roof	YES	LM	Block	Other
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	Block	PVCu
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	Block	Timber
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	Block	Other
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	Block	Asbestos
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	Block	Open Eaves
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	External	PVCu
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	External	Timber
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	External	Other
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	External	Asbestos
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	External	Open Eaves
Roofs		Fascia Soffit & Barge - Main Roof	YES	LM	External	None Part Structure
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	None
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Aluminium
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Cast iron/metal
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Finlock
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Lead
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Other
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	PVCu
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Felt
Drainage - Above Ground		Roof Gutters - Main	YES	LM	Block	Asbestos
Drainage - Above Ground		Roof Gutters - Main	YES	LM	External	None
Drainage - Above Ground		Roof Gutters - Main	YES	LM	External	PVCu
Drainage - Above Ground		Roof Gutters - Main	YES	LM	External	Cast iron/metal
Drainage - Above Ground	233	Roof Gutters - Main	YES	LM	External	Finlock
Drainage - Above Ground	233	Roof Gutters - Main	YES	LM	External	Lead
Drainage - Above Ground	233	Roof Gutters - Main	YES	LM	External	Other

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Drainage - Above Ground	233	Roof Gutters - Main	YES	LM	External	Felt
Drainage - Above Ground	233	Roof Gutters - Main	YES	LM	External	Asbestos
Drainage - Above Ground	234	Roof Downpipes	YES	LM	Block	Not Applicable
Drainage - Above Ground	234	Roof Downpipes	YES	LM	Block	Cast Iron
Drainage - Above Ground	234	Roof Downpipes	YES	LM	Block	PVCu
Drainage - Above Ground	234	Roof Downpipes	YES	LM	Block	Asbestos
Drainage - Above Ground	235	Roof Downpipes	YES	LM	External	Not Applicable
Drainage - Above Ground	235	Roof Downpipes	YES	LM	External	Cast Iron
Drainage - Above Ground	235	Roof Downpipes	YES	LM	External	PVCu
Drainage - Above Ground	235	Roof Downpipes	YES	LM	External	Asbestos
Roofs	238	Roof Construction Type	NO	Ans	External	Duo Pitched
Roofs	238	Roof Construction Type	NO	Ans	External	Duo Pitched with Hip end
Roofs	238	Roof Construction Type	NO	Ans	External	Flat
Roofs	238	Roof Construction Type	NO	Ans	External	Mono Pitched
Roofs	239	Roof Construction Type	NO	Ans	Block	Duo Pitched
Roofs	239	Roof Construction Type	NO	Ans	Block	Duo Pitched with Hip end
Roofs	239	Roof Construction Type	NO	Ans	Block	Flat
Roofs	239	Roof Construction Type	NO	Ans	Block	Mono Pitched
Roofs	240	Roof Structure	NO	Ans	Block	Structurally Sound
Roofs	240	Roof Structure	NO	Ans	Block	Structurally unsound
Roofs	241	Roof Structure	YES	M2	Internal	Structurally Sound
Roofs	241	Roof Structure	YES	M2	Internal	Structurally unsound
Roofs	241	Roof Structure	YES	M2	Internal	Other dwelling Over
Roofs	242	Roof ventilation	NO	Ans	Block	None
Roofs	242	Roof ventilation	NO	Ans	Block	Yes
Roofs	243	Roof ventilation Adequate	NO	Ans	External	None
Roofs		Roof ventilation Adequate	NO	Ans	External	Yes
Windows		Dormer Windows Present	NO	Ans	External	No
Windows	244	Dormer Windows Present	NO	Ans	External	Yes
Windows	245	Dormer Windows Present	NO	Ans	Block	No
Windows		Dormer Windows Present	NO	Ans	Block	Yes
Roofs	246	Dormer Roof Finish	YES	M2	Block	Concrete Tiles
Roofs	246	Dormer Roof Finish	YES	M2	Block	Natural slates
Roofs	246	Dormer Roof Finish	YES	M2	Block	Artifical slates
Roofs	246	Dormer Roof Finish	YES	M2	Block	Clay Tiles
Roofs	246	Dormer Roof Finish	YES	M2	Block	Felt
Roofs	246	Dormer Roof Finish	YES	M2	Block	Asphalt
Roofs	246	Dormer Roof Finish	YES	M2	Block	Metal
Roofs	247	Dormer Roof Finish	YES	M2	External	None
Roofs	247	Dormer Roof Finish	YES	M2	External	Concrete Tiles
Roofs	247	Dormer Roof Finish	YES	M2	External	Natural slates
Roofs	247	Dormer Roof Finish	YES	M2	External	Artifical slates
Roofs	247	Dormer Roof Finish	YES	M2	External	Clay Tiles
Roofs	247	Dormer Roof Finish	YES	M2	External	Felt
Roofs	247	Dormer Roof Finish	YES	M2	External	Asphalt
Roofs	247	Dormer Roof Finish	YES	M2	External	Metal
Roofs	248	Rooflights	YES	Num	External	None
Roofs	248	Rooflights	YES	Num	External	Velux Rooflight
Roofs	248	Rooflights	YES	Num	External	Roof light other
Roofs	249	Rooflights	YES	Num	Block	None
Roofs		Rooflights	YES	Num	Block	Velux Rooflight
Roofs	249	Rooflights	YES	Num	Block	Roof light other
	256	Roof Fall Arrest System	NO	Ans	Block	No
		Roof Fall Arrest System	NO	Ans	Block	Yes
External Walls		Chimney	YES	Num	External	None
External Walls		Chimney	YES	Num	External	Shared Rebuild
External Walls		Chimney	YES	Num	External	Stand Alone Rebuild
External Walls		Chimney	YES	Num	External	Stand Alone Repoint/ Re render
External Walls	257	Chimney	YES	Num	External	Shared Repoint/ Re render
External Walls	258	Chimney	YES	M2	Block	None
External Walls	258	Chimney	YES	M2	Block	Shared Rebuild
External Walls	258	Chimney	YES	M2	Block	Stand Alone Rebuild
External Walls	258	Chimney	YES	M2	Block	Stand Alone Repoint/ Re render
External Walls	258	Chimney	YES	M2	Block	Shared Repoint/ Re render
External Walls	260	Chimney Configuration	NO	Ans	External	None
External Walls	260	Chimney Configuration	NO	Ans	External	One Chimney Only
External Walls	260	Chimney Configuration	NO	Ans	External	2-3 Chimneys
External Walls	260	Chimney Configuration	NO	Ans	External	4-5 Chimneys
External Walls	260	Chimney Configuration	NO	Ans	External	More Than 5 Chimneys
Electrical Installations	261	Electrical Installation	YES	One	Internal	Upgrade
Electrical Installations	261	Electrical Installation	YES	One	Internal	Rewire
Electrical Installations	262	Consumer Unit Type	YES	One	Internal	MCBs
Electrical Installations	262	Consumer Unit Type	YES	One	Internal	Splitload with MCBs or RCD
		Consumer Unit Type	YES	One	Internal	None
Electrical Installations		Smoke Detectors	YES	Num	Internal	None
Electrical Installations Electrical Installations	264			Num	Internal	Mains Wired
		Smoke Detectors	YES	INUIII		IVIAITIS VVII CU
Electrical Installations	264	Smoke Detectors Smoke Detectors	YES	Num	Internal	Battery
Electrical Installations Electrical Installations	264 264					
Electrical Installations Electrical Installations Electrical Installations	264 264 264	Smoke Detectors	YES	Num	Internal	Battery
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations	264 264 264 265	Smoke Detectors Smoke Detectors CO Detectors	YES YES NO	Num Num Ans	Internal Internal Internal	Battery Heat Detector No
Electrical Installations Electrical Installations Electrical Installations Electrical Installations	264 264 264 265 265	Smoke Detectors Smoke Detectors CO Detectors CO Detectors	YES YES NO NO	Num Num Ans Ans	Internal Internal Internal Internal	Battery Heat Detector No Yes
Electrical Installations	264 264 264 265 265 267	Smoke Detectors Smoke Detectors CO Detectors	YES YES NO	Num Num Ans	Internal Internal Internal	Battery Heat Detector No

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Windows		Windows	YES	Num	External	Metal frame SG
Windows		Windows	YES	Num	External	Sash Windows
Windows		Windows	YES	Num	External	SG Wood Windows
Windows		Windows	YES	Num	External	Triple Glazed PVCu Windows
Windows	-	Windows	YES	Num	External	SG PVCu
Windows		Windows	YES	Num	External	SG Sash Windows
Windows		Windows Dwellings	YES	Num	Block	DG PVCu
Windows		Windows Dwellings	YES	Num	Block	DG Timber
Windows		Windows Dwellings	YES	Num	Block	Metal frame DG
Windows		Windows Dwellings	YES	Num	Block	Sash Windows
Windows		Windows Dwellings	YES	Num	Block	Metal frame SG
Windows		Windows Dwellings	YES	Num	Block	SG Wood Windows
Windows		Windows Dwellings	YES	Num	Block	Triple Glazed PVCu Windows
Windows		Windows Dwellings	YES	Num	Block	SG PVCu
Windows		Windows Dwellings	YES	Num	Block	SG Sash Windows
Windows		Windows Secondary	YES	Num	Block	None
Windows		Windows Secondary	YES	Num	Block	DG PVCu
Windows		Windows Secondary	YES	Num	Block	DG Timber
Windows		Windows Secondary	YES	Num	Block	Metal frame DG
Windows		Windows Secondary	YES	Num	Block	Sash Windows
Windows		Windows Secondary	YES	Num	Block	Metal frame SG
Windows		Windows Secondary	YES	Num	Block	SG Wood Windows
Windows		Windows Secondary	YES	Num	Block	Triple Glazed PVCu Windows
Windows		Windows Secondary	YES	Num	Block	SG PVCu
Windows		Windows Secondary	YES	Num	Block	SG Sash Windows
Windows		Windows Secondary	YES	Num	External	None DG BVCu
Windows		Windows Secondary	YES	Num	External	DG PVCu DG Timber
Windows Windows		Windows Secondary Windows Secondary	YES	Num	External External	Metal frame DG
		· · · · · · · · · · · · · · · · · · ·				
Windows Windows		Windows Secondary Windows Secondary	YES	Num	External	Sash Windows Metal frame SG
Windows		Windows Secondary	YES	Num	External	SG Wood Windows
Windows		Windows Secondary	YES	Num		Triple Glazed PVCu Windows
Windows		Windows Secondary	YES	Num	External External	SG PVCu
Windows		Windows Secondary	YES	Num	External	SG Sash Windows
Windows		Bay Windows	YES	Num	Block	No
Windows		Bay Windows	YES	Num	Block	Yes
Windows		Bay Windows	YES	Num	External	No
Windows		Bay Windows	YES	Num	External	Yes
Windows		Windows Communal	YES	Num	Block	None
Windows		Windows Communal	YES	Num	Block	DG PVCu
Windows		Windows Communal	YES	Num	Block	DG Timber
Windows		Windows Communal	YES	Num	Block	Metal frame DG
Windows		Windows Communal	YES	Num	Block	DG Sash Windows
Windows		Windows Communal	YES	Num	Block	Metal frame SG
Windows		Windows Communal	YES	Num	Block	SG Wood Windows
Windows		Windows Communal	YES	Num	Block	Triple Glazed PVCu Windows
Windows		Windows Communal	YES	Num	Block	SG PVCu
Windows	273	Windows Communal	YES	Num	Block	SG Sash Windows
Windows	274	Glazed Screens Comm	YES	M2	Block	None
Windows		Glazed Screens Comm	YES	M2	Block	Glazed Screen
Windows		Windows	YES	Num	Block	None
Windows	275	Windows	YES	Num	Block	DG PVCu
Windows	275	Windows	YES	Num	Block	DG Timber
Windows		Windows	YES	Num	Block	Metal frame DG
Windows		Windows	YES	Num	Block	DG Sash Windows
Windows		Windows	YES	Num	Block	Metal frame SG
Windows		Windows	YES	Num	Block	SG Wood Windows
Windows	275	Windows	YES	Num	Block	Triple Glazed PVCu Windows
Windows	275	Windows	YES	Num	Block	SG PVCu
Windows	275	Windows	YES	Num	Block	SG Sash Windows
External Walls		External Walls	YES	M2	External	Cavity Brickwork
External Walls	276	External Walls	YES	M2	External	Solid Brick
External Walls		External Walls	YES	M2	External	Non traditional system build
External Walls	276	External Walls	YES	M2	External	Stone
External Walls	276	External Walls	YES	M2	External	Timber Frame
External Wall Finish	277	External Wall Finish	YES	M2	External	Repointing
External Wall Finish	277	External Wall Finish	YES	M2	External	PVC-u Clad
External Wall Finish	277	External Wall Finish	YES	M2	External	Render / painted render
External Wall Finish	277	External Wall Finish	YES	M2	External	Tyrolean/pebbledash
External Wall Finish	277	External Wall Finish	YES	M2	External	Tile hanging
External Wall Finish	277	External Wall Finish	YES	M2	External	Timber cladding
External Wall Finish	277	External Wall Finish	YES	M2	External	Thermal Insulation Panel render system
External Wall Finish	277	External Wall Finish	YES	M2	External	Curtain walling
Roofs	281	Roof Porch	YES	M2	Block	None
Roofs	281	Roof Porch	YES	M2	Block	Concrete Tiles
Roofs		Roof Porch	YES	M2	Block	Natural Slate
Roofs	281	Roof Porch	YES	M2	Block	Artificial Slates
Roofs		Roof Porch	YES	M2	Block	Clay
Roofs		Roof Porch	YES	M2	Block	Felt
Roofs		Roof Porch	YES	M2	Block	Metal
		Roof Porch	YES	M2	Block	Other
Roofs						

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Roofs		Roof Porch	YES	M2	External	Concrete Tiles
Roofs	_	Roof Porch	YES	M2	External	Natural Slate
Roofs	282	Roof Porch	YES	M2	External	Artificial Slates
Roofs	282	Roof Porch	YES	M2	External	Clay
Roofs	282	Roof Porch	YES	M2	External	Felt
Roofs	_	Roof Porch	YES	M2	External	Metal
Roofs		Roof Porch	YES	M2	External	Other
Roofs		Porch Roof Structure	NO	Ans	Block	None
Roofs Roofs		Porch Roof Structure Porch Roof Structure	NO NO	Ans Ans	Block	Lean-To Pitched
Roofs	_	Porch Roof Structure	NO	Ans	Block	Flat
Roofs		Porch Roof Structure	NO	Ans	Block	Other
Roofs		Porch Roof Structure	NO	Ans	External	None
Roofs	-	Porch Roof Structure	NO	Ans	External	Lean-To
Roofs	284	Porch Roof Structure	NO	Ans	External	Pitched
Roofs	284	Porch Roof Structure	NO	Ans	External	Flat
Roofs	284	Porch Roof Structure	NO	Ans	External	Other
Roofs		Porch Fascias	YES	LM	External	None
Roofs		Porch Fascias	YES	LM	External	PVCu
Roofs		Porch Fascias	YES	LM	External	Timber
Roofs Roofs		Porch Fascias Porch Fascias	YES	LM	Block	None PVCu
Roofs	_	Porch Fascias	YES	LIVI	Block	Timber
Drainage - Above Ground		Porch Downpipes	YES	LM	External	None
Drainage - Above Ground	_	Porch Downpipes	YES	LM	External	PVCu
Drainage - Above Ground		Porch Downpipes	YES	LM	External	Cast Iron
Drainage - Above Ground		Porch Downpipes	YES	LM	Block	None
Drainage - Above Ground		Porch Downpipes	YES	LM	Block	PVCu
Drainage - Above Ground		Porch Downpipes	YES	LM	Block	Cast Iron
Drainage - Above Ground	_	Porch Gutters	YES	LM	Block	None
Drainage - Above Ground		Porch Gutters	YES	LM	Block	PVCu
Drainage - Above Ground		Porch Gutters	YES	LM	Block	Cast Iron Aluminium
Drainage - Above Ground Drainage - Above Ground		Porch Gutters Porch Gutters	YES	LIVI	Block	Felt
Drainage - Above Ground	_	Porch Gutters	YES	LM	External	None
Drainage - Above Ground		Porch Gutters	YES	LM	External	PVCu
Drainage - Above Ground		Porch Gutters	YES	LM	External	Cast Iron
Drainage - Above Ground	290	Porch Gutters	YES	LM	External	Aluminium
Drainage - Above Ground	290	Porch Gutters	YES	LM	External	Felt
External Walls	291	Porch Wall Structure	YES	M2	External	None
External Walls		Porch Wall Structure	YES	M2	External	Solid Brick
External Walls	_	Porch Wall Structure	YES	M2	External	Cavity
External Walls	-	Porch Wall Structure	YES	M2	External	Timber Frame
External Walls	_	Porch Wall Structure	YES	M2 M2	External	Concrete
External Walls External Walls		Porch Wall Structure Porch Wall Structure	YES	M2	External External	Solid Stone Other
External Walls		Porch Wall Structure	YES	M2	Block	None
External Walls	-	Porch Wall Structure	YES	M2	Block	Solid Brick
External Walls		Porch Wall Structure	YES	M2	Block	Cavity
External Walls	292	Porch Wall Structure	YES	M2	Block	Timber Frame
External Walls	292	Porch Wall Structure	YES	M2	Block	Concrete
External Walls	292	Porch Wall Structure	YES	M2	Block	Solid Stone
External Walls	_	Porch Wall Structure	YES	M2	Block	Other
External Wall Finish		Porch Wall Finish	YES	M2	Block	None
External Wall Finish		Porch Wall Finish	YES	M2	Block	Repoint
External Wall Finish		Porch Wall Finish Porch Wall Finish	YES	M2	Block	Other Render - Chipped
External Wall Finish External Wall Finish		Porch Wall Finish	YES	M2 M2	Block	Render - Cnipped Render - Painted
External Wall Finish		Porch Wall Finish	YES	M2	Block	Render - Plain
External Wall Finish		Porch Wall Finish	YES	M2	Block	Tile Hung
External Wall Finish		Porch Wall Finish	YES	M2	Block	Timber Clad
External Wall Finish		Porch Wall Finish	YES	M2	External	None
External Wall Finish	294	Porch Wall Finish	YES	M2	External	Repoint
External Wall Finish	294	Porch Wall Finish	YES	M2	External	Other
External Wall Finish		Porch Wall Finish	YES	M2	External	Render - Chipped
External Wall Finish		Porch Wall Finish	YES	M2	External	Render - Painted
External Wall Finish		Porch Wall Finish	YES	M2	External	Render - Plain
External Wall Finish		Porch Wall Finish	YES	M2	External	Tile Hung
External Wall Finish Windows		Porch Wall Finish Porch Windows	YES	M2 Num	External	Timber Clad None
Windows		Porch Windows Porch Windows	YES	Num	External	DG Metal Windows
Windows		Porch Windows	YES	Num	External	DG PVCu Windows
Windows		Porch Windows	YES	Num	External	DG Wood Windows
Windows		Porch Windows	YES	Num	External	Other Double Glazed
Windows		Porch Windows	YES	Num	External	Other Single Glazed
Windows	295	Porch Windows	YES	Num	External	SG Metal Windows
Windows	_	Porch Windows	YES	Num	External	SG Wood Windows
Windows		Porch Windows	YES	Num	External	SG PVCu Windows
Windows		Porch Windows	YES	Num	Block	None
Windows		Porch Windows	YES	Num	Block	DG Metal Windows
Windows		Porch Windows	YES	Num	Block	DG PVCu Windows
Windows		Porch Windows	YES	Num	Block	DG Wood Windows
Windows	296	Porch Windows	YES	Num	Block	Other Double Glazed

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Windows		Porch Windows	YES	Num	Block	Other Single Glazed
Windows		Porch Windows	YES	Num	Block	SG Metal Windows
Windows		Porch Windows	YES	Num	Block	SG Wood Windows
Windows		Porch Windows	YES	Num	Block	SG PVCu Windows
Roofs		Canopies	YES	M2	External	None
Roofs		Canopies	YES	M2	External	GRP
Roofs		Canopies	YES	M2	External	Concrete
Roofs		Canopies	YES	M2	External	Timber mineral felt
Roofs		Canopies	YES	M2	External	Glazed
Roofs		Canopies Cantilever	YES	M2	Block	None
Roofs		Canopies Cantilever	YES	M2	Block	GRP
Roofs		Canopies Cantilever	YES	M2	Block	Concrete
Roofs		Canopies Cantilever	YES	M2	Block	Glazed
External Walls		Wall Structure Main	YES	M2	Block	Cavity Brickwork
External Walls		Wall Structure Main	YES	M2	Block	Solid Brick
External Walls		Wall Structure Main	YES	M2	Block	Non traditional system build
External Walls		Wall Structure Main	YES	M2	Block	Stone
External Walls		Wall Structure Main	YES	M2	Block	Timber Frame
External Walls		Wall Structure Main	YES	M2	Block	Concrete & Panel
External Walls		Wall Structure Main	YES	M2	External	Cavity Brickwork
External Walls		Wall Structure Main	YES	M2	External	Solid Brick
External Walls		Wall Structure Main	YES	M2	External	Non traditional system build
External Walls		Wall Structure Main	YES	M2	External	Stone Timber Frame
External Walls		Wall Structure Main	YES	M2	External	Timber Frame
External Walls		Wall Structure defects (Main)	YES	M2	External	None Replace spalling brickwork
External Walls		Wall Structure defects (Main)	YES	M2	External	Replace spalling brickwork Replace wall ties
External Walls External Walls		Wall Structure defects (Main)	YES	M2	External	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
External Walls		Wall Structure defects (Main)	YES	M2 M2	Block	None
		Wall Structure defects (Main)		M2	_	Spalling
External Walls External Walls		Wall Structure defects (Main)	YES	M2	Block	Bulging Structural Cracking
External Walls		Wall Structure defects (Main) Rising Damp - Failed DPC	YES	LM	Block	Structural Cracking No
External Walls		Rising Damp - Failed DPC	YES	LM	Block	Yes
External Walls		External Walls Structural Stability	YES	Ans	External	No defects
External Walls		External Walls Structural Stability	YES	Ans	External	Bulging wall
External Walls		External Walls Structural Stability	YES	Ans	External	Cracking above lintel
External Walls		External Walls Structural Stability	YES	Ans	External	Cracking above lines Cracking from foundation level
External Wall Finish		Thermal insulation (Main)	NO	Ans	External	Cavity wall insulation present
External Wall Finish		Thermal insulation (Main)	NO	Ans	External	Cavity wall insulation present Cavity wall insulation not present
External Wall Finish		Thermal insulation (Main)	NO	Ans	External	Solid wall insulated
External Wall Finish		Thermal insulation (Main)	NO	Ans	External	Solid wall insulated
External Wall Finish		Thermal insulation (Main)	NO	Ans	External	Cavity wall insulated render
External Wall Finish		Thermal insulation (Main)	YES	Ans	Block	Cavity wall insulation present
External Wall Finish		Thermal insulation (Main)	YES	Ans	Block	Cavity wall insulation present
External Wall Finish		Thermal insulation (Main)	YES	Ans	Block	Solid wall insulated
External Wall Finish		Thermal insulation (Main)	YES	Ans	Block	Solid wall insulated
External Wall Finish		Thermal insulation (Main)	YES	Ans	Block	Cavity wall insulated render
External Walls		Lintels	YES	Num	External	Not visible
External Walls		Lintels	YES	Num	External	Stone
External Walls		Lintels	YES	Num		Concrete
External Walls		Lintels	YES	Num		Brickwork
External Walls		Lintels	YES	Num	Block	Not visible
External Walls		Lintels	YES	Num	Block	Stone
External Walls		Lintels	YES	Num	Block	Concrete
External Walls		Lintels	YES	Num	Block	Brickwork
External Walls		Cills	YES	LM	External	None
External Walls		Cills	YES	LM	External	Stone
External Walls		Cills	YES	LM	External	Tile
External Walls		Cills	YES	LM	External	Concrete
External Walls		Cills	YES	LM	External	Brickwork
External Walls		Cills	YES	LM	Block	None
External Walls		Cills	YES	LM	Block	Stone
External Walls	311		YES	LM	Block	Tile
External Walls	311		YES	LM	Block	Concrete
External Walls		Cills	YES	LM	Block	Brickwork
External Walls		Mullions	YES	Num	External	Stone
External Walls		Mullions	YES	Num	External	Concrete
External Walls		Mullions	YES	Num	External	No Mullions
External Wall Finish		Wall Finish Main	YES	M2	External	Repointing
External Wall Finish		Wall Finish Main	YES	M2	External	PVC-u Clad
External Wall Finish		Wall Finish Main	YES	M2	External	Render / painted render
External Wall Finish		Wall Finish Main	YES	M2	External	Tyrolean/pebbledash
External Wall Finish		Wall Finish Main	YES	M2	External	Tile hanging
External Wall Finish		Wall Finish Main	YES	M2	External	Timber cladding
External Wall Finish		Wall Finish Main	YES	M2	External	Thermal Insulation Panel render system
External Wall Finish		Wall Finish Main	YES	M2	External	Curtain walling
External Wall Finish		Wall Finish Main	YES	M2	Block	Repointing
External Wall Finish		Wall Finish Main	YES	M2	Block	PVC Clad
External Wall Finish		Wall Finish Main	YES	M2	Block	Render -painted render
External Wall Finish		Wall Finish Main	YES	M2	Block	Tyrolean - Pebbledash
External Wall Finish		Wall Finish Main	YES	M2	Block	Tile hanging
External Wall Finish		Wall Finish Main	YES	M2	Block	Timber cladding
	1 313	Wall Finish Main	YES	M2	Block	Thermal Insulation Panel render system

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External Wall Finish	315	Wall Finish Main	YES	M2	Block	Curtain walling
External Wall Finish	315	Wall Finish Main	YES	M2	Block	Brick Slips
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	None
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Repointing
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	PVC-u Clad
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Render/painted render
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Tyrolean/pebbledash
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Tile hanging
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Timber cladding
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Thermal Insulation Panel render system
External Wall Finish	316	Wall Finish External (other)	YES	M2	External	Curtain walling
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	None
External Wall Finish		Wall Finish External Other	YES	M2	Block	Repointing
External Wall Finish		Wall Finish External Other	YES	M2	Block	PVC Clad
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	Render -painted render
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	Tyrolean - Pebbledash
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	Tile hanging
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	Timber cladding
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	Thermal Insulation Panel render system
External Wall Finish		Wall Finish External Other	YES	M2	Block	Curtain walling
External Wall Finish	317	Wall Finish External Other	YES	M2	Block	Brick Slips
External Walls		Rising Damp - Bridged DPC	YES	LM	Block	No
External Walls		Rising Damp - Bridged DPC	YES	LM	Block	Yes
Internal Structure & Finishes		Rising Damp - Bridged DPC	NO	Ans	External	No
Internal Structure & Finishes		Rising Damp - Bridged DPC	NO	Ans	External	Yes
External Walls		DPC	YES	Ans	External	DPC present
External Walls		DPC	YES	Ans	External	DPC not present
Stairs & Balconies		Balconies Balustrade	YES	LM	External	None
Stairs & Balconies		Balconies Balustrade	YES	LM	External	Metal
Stairs & Balconies		Balconies Balustrade	YES	LM	External	Wood
Stairs & Balconies		Balconies Balustrade	YES	LM	External	Glazed
Stairs & Balconies		Balconies Balustrade	YES	LM	External	Brickwork Rebuild
Stairs & Balconies		Balconies Balustrade	YES	LM	External	Brickwork Repoint
Stairs & Balconies	_	Balconies Balustrade	YES	LM	External	Bwk & Rail Rebuild
Stairs & Balconies		Balconies Balustrade	YES	LM	External	Bwk & Rail Repoint
Stairs & Balconies		Balconies Structure - Comm	YES	M2	Block	None
Stairs & Balconies		Balconies Structure - Comm	YES	M2	Block	Timber
Stairs & Balconies		Balconies Structure - Comm	YES	M2	Block	Metal
Stairs & Balconies	_	Balconies Structure - Comm	YES	M2	Block	Concrete
Stairs & Balconies		Balconies Structure	YES	M2	External	None
Stairs & Balconies		Balconies Structure	YES	M2	External	Timber
Stairs & Balconies		Balconies Structure	YES	M2	External	Metal
Stairs & Balconies		Balconies Structure	YES	M2	External	Concrete
Stairs & Balconies	_	Balconies Balustrade - Comm	YES	LM	Block	None
Stairs & Balconies		Balconies Balustrade - Comm	YES	LM	Block	Metal
Stairs & Balconies		Balconies Balustrade - Comm	YES	LM	Block	Wood
Stairs & Balconies		Balconies Balustrade - Comm	YES	LM	Block	Glazed
Stairs & Balconies	_	Balconies Balustrade - Comm	YES	LM	Block	Brickwork Rebuild
Stairs & Balconies	_	Balconies Balustrade - Comm	YES	LM	Block	Brickwork Repoint
Stairs & Balconies		Balconies Balustrade - Comm	YES	LM	Block	Bwk & Rail Rebuild
Stairs & Balconies		Balconies Balustrade - Comm	YES	LM	Block	Bwk & Rail Repoint
Stairs & Balconies		Balconies Structure - Private	YES	M2	Block	None
Stairs & Balconies		Balconies Structure - Private	YES	M2	Block	Timber
Stairs & Balconies Stairs & Balconies		Balconies Structure - Private Balconies Structure - Private	YES	M2 M2	Block Block	Metal Concrete
Stairs & Balconies Stairs & Balconies		Balconies Balustrade - Private Balconies Balustrade - Private	YES	LM	Block	None Metal
Stairs & Balconies		Balconies Balustrade - Private	YES	LM	Block	Wood
Stairs & Balconies		Balconies Balustrade - Private	YES	LM	Block	Glazed
Stairs & Balconies		Balconies Balustrade - Private	YES	LM	Block	Brickwork Rebuild
Stairs & Balconies		Balconies Balustrade - Private	YES	LM	Block	Brickwork Repoint
Stairs & Balconies		Balconies Balustrade - Private	YES	LM	Block	Bwk & Rail Rebuild
Stairs & Balconies		Balconies Balustrade - Private	YES	LM	Block	Bwk & Rail Repoint
Roofs		Roof Finish Secondary	YES	M2	External	None
Roofs		Roof Finish Secondary	YES	M2	External	Concrete Tiles
Roofs		Roof Finish Secondary	YES	M2	External	Natural slates
Roofs		Roof Finish Secondary	YES	M2	External	Artificial slates
Roofs		Roof Finish Secondary	YES	M2	External	Clay tiles
Roofs		Roof Finish Secondary	YES	M2	External	Felt
Roofs		Roof Finish Secondary	YES	M2	External	Asphalt
Roofs		Roof Finish Secondary	YES	M2	External	Metal
Roofs		Roof Finish Secondary	YES	M2	External	Sedum
Roofs		Roof Finish Secondary	YES	M2	External	Waterproof Membrane
Roofs		Roof Finish Secondary	YES	M2	Block	None
Roofs		Roof Finish Secondary	YES	M2	Block	Concrete Tiles
Roofs		Roof Finish Secondary	YES	M2	Block	Natural slates
Roofs		Roof Finish Secondary	YES	M2	Block	Artificial slates
Roofs		Roof Finish Secondary	YES	M2	Block	Clay tiles
Roofs		Roof Finish Secondary	YES	M2	Block	Felt
Roofs		Roof Finish Secondary	YES	M2		
		,			Block	Asphalt Metal
Roofs		Roof Finish Secondary	YES	M2	Block	
Roofs		Roof Finish Secondary	YES	M2	Block	Sedum Waterway of March road
Roofs	333	Roof Finish Secondary	YES	M2	Block	Waterproof Membrane

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Roofs		Roof Structure Extension	NO	Ans	External	Structurally Sound
Roofs		Roof Structure Extension	NO	Ans	External	Structurally unsound
Roofs		Roof Type Extension	NO	Ans	External	Duo Pitched
Roofs		Roof Type Extension	NO	Ans	External	Duo Pitched with Hip end
Roofs		Roof Type Extension	NO	Ans	External	Flat
Roofs		Roof Type Extension	NO	Ans	External	Mono Pitched
Roofs		Roof Type Extension	NO	Ans	Block	Duo Pitched
Roofs		Roof Type Extension	NO NO	Ans	Block	Duo Pitched with Hip end Flat
Roofs		Roof Type Extension Roof Type Extension	NO	Ans	Block	Mono Pitched
Roofs		Fascia Soffits & Barge - Extension	YES	LM	Block	None
Roofs		Fascia Soffits & Barge - Extension	YES	LM	Block	PVCu
Roofs		Fascia Soffits & Barge - Extension	YES	LM	Block	Timber
Roofs		Fascia Soffits & Barge - Extension	YES	LM	Block	Asbestos
Roofs		Fascia Soffits & Barge - Extension	YES	LM	External	None
Roofs		Fascia Soffits & Barge - Extension	YES	LM	External	PVCu
Roofs		Fascia Soffits & Barge - Extension	YES	LM	External	Timber
Roofs		Fascia Soffits & Barge - Extension	YES	LM	External	Asbestos
External Walls		External Wall Structure (Extension)	YES	M2	Block	None
External Walls	339	External Wall Structure (Extension)	YES	M2	Block	Cavity Brickwork
External Walls	339	External Wall Structure (Extension)	YES	M2	Block	Solid Brick
External Walls		External Wall Structure (Extension)	YES	M2	Block	Non traditional system build
External Walls		External Wall Structure (Extension)	YES	M2	Block	Solid Stone
External Walls	339	External Wall Structure (Extension)	YES	M2	Block	Timber Frame
Internal Structure & Finishes		External Wall Structure (Extension)	YES	M2	External	None
Internal Structure & Finishes		External Wall Structure (Extension)	YES	M2	External	Cavity Brickwork
Internal Structure & Finishes		External Wall Structure (Extension)	YES	M2	External	Solid Brick
Internal Structure & Finishes	340	External Wall Structure (Extension)	YES	M2	External	Non traditional system build
Internal Structure & Finishes	340	External Wall Structure (Extension)	YES	M2	External	Solid Stone
Internal Structure & Finishes	340	External Wall Structure (Extension)	YES	M2	External	Timber Frame
External Wall Finish	341	Thermal insulation (Extension)	NO	Ans	Block	Cavity wall insulation present
External Wall Finish	341	Thermal insulation (Extension)	NO	Ans	Block	Cavity wall insulation not present
External Wall Finish	341	Thermal insulation (Extension)	NO	Ans	Block	Solid wall insulated
External Wall Finish	341	Thermal insulation (Extension)	NO	Ans	Block	Solid wall not insulated
External Wall Finish	341	Thermal insulation (Extension)	NO	Ans	Block	Cavity wall insulated render
External Wall Finish	341	Thermal insulation (Extension)	NO	Ans	Block	Cavity wall not insulated render
External Wall Finish	342	Wall Finish Extension	YES	M2	Block	Repointing
External Wall Finish	342	Wall Finish Extension	YES	M2	Block	PVC-u Clad
External Wall Finish	342	Wall Finish Extension	YES	M2	Block	Render / painted render
External Wall Finish		Wall Finish Extension	YES	M2	Block	Tyrolean/pebbledash
External Wall Finish		Wall Finish Extension	YES	M2	Block	Tile hanging
External Wall Finish		Wall Finish Extension	YES	M2	Block	Timber cladding
External Wall Finish		Wall Finish Extension	YES	M2	Block	Thermal Insulation Panel render system
External Wall Finish		Wall Finish Extension	YES	M2	Block	Curtain walling
External Wall Finish		Wall Finish Extension	YES	M2	External	Repointing
External Wall Finish		Wall Finish Extension	YES	M2	External	PVC-u Clad
External Wall Finish		Wall Finish Extension	YES	M2	External	Render / painted render
External Wall Finish		Wall Finish Extension	YES	M2 M2	External	Tyrolean/pebbledash
External Wall Finish		Wall Finish Extension	-			Tile hanging
External Wall Finish		Wall Finish Extension	YES	M2	External External	Timber cladding Thermal Insulation Panel render system
External Wall Finish External Wall Finish		Wall Finish Extension Wall Finish Extension	YES	M2 M2	External	Curtain walling
External Wall Finish		Thermal insulation - Extension	NO	Ans	External	Cavity wall insulation present
External Wall Finish		Thermal insulation - Extension	NO	Ans	External	Solid wall insulated
External Wall Finish		Thermal insulation - Extension	NO	Ans	External	Solid wall insulated
External Wall Finish		Thermal insulation - Extension	NO	Ans	External	Cavity wall insulated render
External Wall Finish		Thermal insulation - Extension	NO	Ans	External	Cavity wall not insulated render
External Doors		Com Ent Door 1	YES	Num	Block	None
External Doors		Com Ent Door 1	YES	Num	Block	PVC-u Double Glazed
External Doors		Com Ent Door 1	YES	Num	Block	PVC-u Single Glazed
External Doors		Com Ent Door 1	YES	Num	Block	PVC-u Unglazed
External Doors		Com Ent Door 1	YES	Num	Block	Softwood Double Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Softwood Single Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Softwood Unglazed
External Doors		Com Ent Door 1	YES	Num	Block	Hardwood Double Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Hardwood Single Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Hardwood Unglazed
External Doors		Com Ent Door 1	YES	Num	Block	Composite Double Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Composite Single Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Composite Unglazed
External Doors		Com Ent Door 1	YES	Num	Block	Aluminium Double Glazed
External Doors		Com Ent Door 1	YES	Num	Block	Aluminium Single Glazed
External Doors	347	Com Ent Door 1	YES	Num	Block	Communal Doors Lining & Architraves
External Doors	348	Com Ent Door 1 Integ Door & Frame	YES	M2	Block	Not Applicable
External Doors		Com Ent Door 1 Integ Door & Frame	YES	M2	Block	Yes
External Doors	348	Com Ent Door 1 Integ Door & Frame	YES	M2	Block	No
External Doors	349	Com Ent Door 2	YES	Num	Block	None
External Doors	349	Com Ent Door 2	YES	Num	Block	PVC-u Double Glazed
External Doors	349	Com Ent Door 2	YES	Num	Block	PVC-u Single Glazed
External Doors	349	Com Ent Door 2	YES	Num	Block	PVC-u Unglazed
External Doors	349	Com Ent Door 2	YES	Num	Block	Softwood Double Glazed
External Doors	349	Com Ent Door 2	YES	Num	Block	Softwood Single Glazed
			YES	Num	Block	Softwood Unglazed

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External Doors		Com Ent Door 2	YES	Num	Block	Hardwood Double Glazed
External Doors		Com Ent Door 2	YES	Num	Block	Hardwood Single Glazed
External Doors		Com Ent Door 2	YES	Num	Block	Hardwood Unglazed
External Doors		Com Ent Door 2 Com Ent Door 2	YES	Num	Block	Composite Double Glazed
External Doors		Com Ent Door 2	YES	Num	Block	Composite Unglazed
External Doors External Doors		Com Ent Door 2	YES	Num Num	Block	Composite Unglazed
External Doors		Com Ent Door 2	YES	Num	_	Aluminium Double Glazed
External Doors		Com Ent Door 2	YES	Num	Block	Aluminium Single Glazed
External Doors		Com Ent Door 2 Integ Door & Frame	NO	Ans	Block	Communal Doors Lining & Architraves Not Applicable
External Doors		Com Ent Door 2 Integ Door & Frame	NO	Ans	Block	No
External Doors		Com Ent Door 2 Integ Door & Frame	NO	Ans	Block	Yes
External Doors		Entrance Doors Front	YES	Num	External	PVCu Double Glazed
External Doors		Entrance Doors Front	YES	Num	External	PVCu Single Glazed
External Doors		Entrance Doors Front	YES	Num	External	PVCu Unglazed
External Doors		Entrance Doors Front	YES	Num	External	Softwood Double Glazed
External Doors		Entrance Doors Front	YES	Num	External	Softwood Single Glazed
External Doors		Entrance Doors Front	YES	Num	External	Softwood Unglazed
External Doors		Entrance Doors Front	YES	Num	External	Hardwood Double Glazed
External Doors		Entrance Doors Front	YES	Num	External	Hardwood Single Glazed
External Doors		Entrance Doors Front	YES	Num	External	Hardwood Unglazed
External Doors		Entrance Doors Front	YES	Num	External	Composite Double Glazed
External Doors		Entrance Doors Front	YES	Num	External	Composite Single Glazed
External Doors		Entrance Doors Front	YES	Num	External	Composite Unglazed
External Doors		Entrance Doors Front	YES	Num	External	Aluminium Double Glazed
External Doors		Entrance Doors Front Entrance Doors Front	YES	Num	External	Aluminium Single Glazed
External Doors		Entrance Doors Front	YES	Num	External	Other Double Glazed
External Doors		Entrance Doors Front	YES	Num	External	Other Single Glazed
External Doors		Entrance Doors Front	YES	Num	External	Other Unglazed
External Doors		Entrance Doors Front	YES	Num	Internal	PVCu Double Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	PVCu Single Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	PVCu Unglazed
External Doors		Entrance Doors Front	YES	Num	Internal	Softwood Double Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Softwood Single Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Softwood Unglazed
External Doors		Entrance Doors Front	YES	Num	Internal	Hardwood Double Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Hardwood Single Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Hardwood Unglazed
External Doors		Entrance Doors Front	YES	Num	Internal	Composite Double Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Composite Single Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Composite Unglazed
External Doors		Entrance Doors Front	YES	Num	Internal	Aluminium Double Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Aluminium Single Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Other Double Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Other Single Glazed
External Doors		Entrance Doors Front	YES	Num	Internal	Other Unglazed
External Doors		Entrance Doors Front	YES	Num	Block	PVCu Double Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	PVCu Single Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	PVCu Unglazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Softwood Double Glazed
External Doors		Entrance Doors Front	YES	Num	Block	Softwood Single Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Softwood Unglazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Hardwood Double Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Hardwood Single Glazed
External Doors		Entrance Doors Front	YES	Num	Block	Hardwood Unglazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Composite Double Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Composite Single Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Composite Unglazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Aluminium Double Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Aluminium Single Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Other Double Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Other Single Glazed
External Doors	353	Entrance Doors Front	YES	Num	Block	Other Unglazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	None
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	PVCu Double Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	PVCu Single Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	PVCu Unglazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Softwood Double Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Softwood Single Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Softwood Unglazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Hardwood Double Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Hardwood Single Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Hardwood Unglazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Composite Double Glazed
External Doors		Entrance Doors Rear or Balcony	YES	Num	Internal	Composite Single Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Composite Unglazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Aluminium Double Glazed
External Doors	355	Entrance Doors Rear or Balcony	YES	Num	Internal	Aluminium Single Glazed
External Doors		Entrance Doors Rear or Balcony	YES	Num	Internal	Other Double Glazed
External Doors		Entrance Doors Rear or Balcony	YES	Num	Internal	Other Single Glazed
External Doors		Entrance Doors Rear or Balcony	YES	Num	Internal	Other Unglazed
External Doors		Entrance Doors Rear	YES	Num	External	None
External Doors						

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External Doors		Entrance Doors Rear	YES	Num	External	PVCu Single Glazed
External Doors		Entrance Doors Rear	YES	Num	External	PVCu Unglazed
External Doors		Entrance Doors Rear	YES	Num	External	Softwood Double Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Softwood Single Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Softwood Unglazed
External Doors		Entrance Doors Rear	YES	Num	External	Hardwood Double Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Hardwood Single Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Hardwood Unglazed
External Doors		Entrance Doors Rear	YES	Num	External	Composite Double Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Composite Single Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Composite Unglazed
External Doors		Entrance Doors Rear	YES	Num	External	Aluminium Double Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Aluminium Single Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Other Double Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Other Single Glazed
External Doors		Entrance Doors Rear	YES	Num	External	Other Unglazed
Electrical Installations		External security light	NO	Ans	External	None
Electrical Installations Electrical Installations		External security light External security light	NO NO	Ans Ans	External	Light at root entrance
Electrical Installations			NO		_	Lights at front % room
Electrical Installations		External security light External security light	NO	Ans	External	Lights at front & rear Not Possible
Electrical Installations		, ,		Ans	External	
Electrical Installations		External security light External security light	YES	Num	Block	None Light at front entrance
Electrical Installations			YES	Num	Block	
Electrical Installations		External security light	YES	Num	Block	Light at rear entrance
External Doors		External security light	YES	Num	External	Lights at front & rear None
External Doors		Patio Doors Patio Doors	YES	Num	External	PVC-u Single Glazed
External Doors		Patio Doors	YES	Num	External	PVC-u Single Glazed PVC-u Double Glazed
External Doors		Patio Doors	YES	Num	External	Composite Single Glazed
External Doors		Patio Doors	YES	Num	External	Composite Single Glazed
External Doors		Patio Doors	YES	Num	External	Other Single Glazed
External Doors		Patio Doors	YES	Num	External	Other Double Glazed
Hard Surfaces		Steps	YES	Num	External	None
Hard Surfaces		Steps	YES	Num	External	Concrete Steps
Hard Surfaces		Steps	YES	Num	External	Metal Steps
Hard Surfaces		Steps	YES	Num	External	Timber Steps
Hard Surfaces		Steps	YES	Num	External	Stone Steps
Hard Surfaces		Steps	YES	Num	External	PC Concrete step
Hard Surfaces		Steps	YES	M2	Block	None
Hard Surfaces		Steps	YES	M2	Block	Concrete Steps
Hard Surfaces		Steps	YES	M2	Block	Metal Steps
Hard Surfaces		Steps	YES	M2	Block	Timber Steps
Hard Surfaces		Steps	YES	M2	Block	Stone Steps
Hard Surfaces		Steps	YES	M2	Block	PC Concrete step
Stairs & Balconies		External Stairs	YES	Flights	Block	None
Stairs & Balconies		External Stairs	YES	Flights	Block	Concrete Staircase - straight
Stairs & Balconies		External Stairs	YES	Flights	Block	Steel Staircase - straight
Stairs & Balconies	362	External Stairs	YES	Flights	Block	Timber Staircase - Straight
Stairs & Balconies	362	External Stairs	YES	Flights	Block	Steel Staircase - spiral
Stairs & Balconies	362	External Stairs	YES	Flights	Block	Timber Staircase - spiral
Stairs & Balconies	363	External handrail	YES	LM	Block	None
Stairs & Balconies	363	External handrail	YES	LM	Block	Handrails & balustrade - timber
Stairs & Balconies	363	External handrail	YES	LM	Block	Handrails & balustrade - Metal
Stairs & Balconies	363	External handrail	YES	LM	Block	Handrail only timber
Stairs & Balconies	363	External handrail	YES	LM	Block	Handrail only Metal
Boundaries		Boundary Front	YES	LM	External	None
Boundaries		Boundary Front	YES	LM	External	Solid Brick < 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Solid Brick > 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Repointing < 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Repointing > 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Re-render < 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Re-render > 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Stone wall < 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Stone wall > 1.0m high
Boundaries	364	Boundary Front	YES	LM	External	Timber Fencing <1.0m
Boundaries	364	Boundary Front	YES	LM	External	Timber Fencing > 1.0m
Boundaries	364	Boundary Front	YES	LM	External	Metal Fencing < 1.2m
Boundaries	364	Boundary Front	YES	LM	External	Metal Fencing > 1.2m
Boundaries	365	Boundary Front	YES	M2	Block	None
Boundaries	365	Boundary Front	YES	M2	Block	Solid Brick < 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Solid Brick > 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Repointing < 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Repointing > 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Re-render < 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Re-render > 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Stone wall < 1.0m high
Boundaries		Boundary Front	YES	M2	Block	Stone wall > 1.0m high
Boundaries	365	Boundary Front	YES	M2	Block	Timber Fencing <1.0m
Boundaries	365	Boundary Front	YES	M2	Block	Timber Fencing > 1.0m
Boundaries	365	Boundary Front	YES	M2	Block	Metal Fencing < 1.2m
Boundaries	365	Boundary Front	YES	M2	Block	Metal Fencing > 1.2m
Hard Surfaces	366	Paths 1	YES	M2	Block	Concrete

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Hard Surfaces	366	Paths 1	YES	M2	Block	Tarmac
Hard Surfaces		Paths 1	YES	M2	Block	Brick Paviour
Hard Surfaces		Paths 1	YES	M2	Block	Gravel
Hard Surfaces		Paths 1	YES	M2	Block	None
Hard Surfaces		Paths 1	YES	M2	External	Concrete
Hard Surfaces		Paths 1	YES	M2	External	Paving Slabs
Hard Surfaces		Paths 1	YES	M2	External	Brick Paviour
Hard Surfaces		Paths 1	YES	M2	External	Tarmac
Hard Surfaces Hard Surfaces		Paths 1	YES	M2 M2	External External	Gravel None
Boundaries		Boundary Rear	YES	LM	External	None
Boundaries		Boundary Rear	YES	LM	External	Solid Brick < 1.0m high
Boundaries		Boundary Rear	YES	LM	External	Solid Brick > 1.0m high
Boundaries		Boundary Rear	YES	LM	External	Repointing < 1.0m high
Boundaries		Boundary Rear	YES	LM	External	Repointing > 1.0m high
Boundaries		Boundary Rear	YES	LM	External	Re-render < 1.0m high
Boundaries		Boundary Rear	YES	LM	External	Re-render > 1.0m high
Boundaries	368	Boundary Rear	YES	LM	External	Stone wall < 1.0m high
Boundaries	368	Boundary Rear	YES	LM	External	Stone wall > 1.0m high
Boundaries	368	Boundary Rear	YES	LM	External	Timber Fencing <1.0m
Boundaries	368	Boundary Rear	YES	LM	External	Timber Fencing > 1.0m
Boundaries		Boundary Rear	YES	LM	External	Metal Fencing < 1.2m
Boundaries		Boundary Rear	YES	LM	External	Metal Fencing > 1.2m
Boundaries		Boundary Rear	YES	M2	Block	None
Boundaries		Boundary Rear	YES	M2	Block	Solid Brick < 1.0m high
Boundaries		Boundary Rear	YES	M2	Block	Solid Brick > 1.0m high
Boundaries		Boundary Rear	YES	M2	Block	Repointing < 1.0m high
Boundaries		Boundary Rear	YES	M2	Block	Repointing > 1.0m high
Boundaries		Boundary Rear	YES	M2	Block	Re-render < 1.0m high
Boundaries Boundaries		Boundary Rear	YES	M2	Block	Re-render > 1.0m high
Boundaries		Boundary Rear Boundary Rear	YES	M2 M2	Block	Stone wall < 1.0m high Stone wall > 1.0m high
Boundaries		Boundary Rear	YES	M2	Block	Timber Fencing <1.0m
Boundaries		Boundary Rear	YES	M2	Block	Timber Fencing > 1.0m
Boundaries		Boundary Rear	YES	M2	Block	Metal Fencing < 1.2m
Boundaries		Boundary Rear	YES	M2	Block	Metal Fencing > 1.2m
Hard Surfaces		Paths 2	YES	M2	Block	None
Hard Surfaces		Paths 2	YES	M2	Block	Brick Paviour
Hard Surfaces	370	Paths 2	YES	M2	Block	Concrete
Hard Surfaces	370	Paths 2	YES	M2	Block	Gravel
Hard Surfaces	370	Paths 2	YES	M2	Block	Paving Slabs
Hard Surfaces	370	Paths 2	YES	M2	Block	Tarmac
Hard Surfaces	371	Paths 2	YES	M2	External	None
Hard Surfaces	371	Paths 2	YES	M2	External	Brick Paviour
Hard Surfaces		Paths 2	YES	M2	External	Concrete
Hard Surfaces		Paths 2	YES	M2	External	Gravel
Hard Surfaces		Paths 2	YES	M2	External	Paving Slabs
Hard Surfaces Boundaries		Paths 2 Boundary Side	YES	M2 LM	External	Tarmac None
Boundaries		Boundary Side	YES	LM		Solid Brick < 1.0m high
Boundaries		Boundary Side	YES	LM	External External	Solid Brick > 1.0m high
Boundaries		Boundary Side	YES	LM	External	Repointing < 1.0m high
Boundaries		Boundary Side	YES	LM	External	Repointing > 1.0m high
Boundaries		Boundary Side	YES	LM	External	Re-render < 1.0m high
Boundaries		Boundary Side	YES	LM	External	Re-render > 1.0m high
Boundaries		Boundary Side	YES	LM	External	Stone wall < 1.0m high
Boundaries	372	Boundary Side	YES	LM	External	Stone wall > 1.0m high
Boundaries	372	Boundary Side	YES	LM	External	Timber Fencing <1.0m
Boundaries	372	Boundary Side	YES	LM	External	Timber Fencing > 1.0m
Boundaries		Boundary Side	YES	LM	External	Metal Fencing < 1.2m
Boundaries		Boundary Side	YES	LM	External	Metal Fencing > 1.2m
Boundaries		Boundary Side	YES	M2	Block	None
Boundaries		Boundary Side	YES	M2	Block	Solid Brick < 1.0m high
Boundaries		Boundary Side	YES	M2	Block	Solid Brick > 1.0m high
Boundaries		Boundary Side	YES	M2	Block	Repointing < 1.0m high
Boundaries		Boundary Side	YES	M2	Block	Repointing > 1.0m high
Boundaries		Boundary Side	YES	M2	Block	Re-render < 1.0m high
Boundaries Boundaries		Boundary Side Boundary Side	YES	M2 M2	Block	Re-render > 1.0m high Stone wall < 1.0m high
Boundaries		Boundary Side	YES	M2	Block	Stone wall < 1.0m nigh
Boundaries		Boundary Side	YES	M2	Block	Timber Fencing <1.0m
Boundaries		Boundary Side	YES	M2	Block	Timber Fencing > 1.0m
Boundaries		Boundary Side	YES	M2	Block	Metal Fencing < 1.2m
Boundaries		Boundary Side	YES	M2	Block	Metal Fencing > 1.2m
Boundaries		Boundary Side 2	YES	LM	External	None
Boundaries		Boundary Side 2	YES	LM	External	Solid Brick < 1.0m high
Boundaries		Boundary Side 2	YES	LM	External	Solid Brick > 1.0m high
Boundaries		Boundary Side 2	YES	LM	External	Repointing < 1.0m high
Boundaries		Boundary Side 2	YES	LM	External	Repointing > 1.0m high
Boundaries		Boundary Side 2	YES	LM	External	Re-render < 1.0m high
		Boundary Side 2	YES	LM	External	Re-render > 1.0m high
Boundaries	374	boullually side 2	TES			Ne render > 1.0111 mgm
Boundaries Boundaries		Boundary Side 2	YES	LM	External	Stone wall < 1.0m high

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Boundaries	374	Boundary Side 2	YES	LM	External	Timber Fencing <1.0m
Boundaries	374	Boundary Side 2	YES	LM	External	Timber Fencing > 1.0m
Boundaries	374	Boundary Side 2	YES	LM	External	Metal Fencing < 1.2m
Boundaries	374	Boundary Side 2	YES	LM	External	Metal Fencing > 1.2m
Boundaries	375	Boundary Side 2	YES	M2	Block	None
Boundaries	375	Boundary Side 2	YES	M2	Block	Solid Brick < 1.0m high
Boundaries	375	Boundary Side 2	YES	M2	Block	Solid Brick > 1.0m high
Boundaries	375	Boundary Side 2	YES	M2	Block	Repointing < 1.0m high
Boundaries	375	Boundary Side 2	YES	M2	Block	Repointing > 1.0m high
Boundaries	375	Boundary Side 2	YES	M2	Block	Re-render < 1.0m high
Boundaries		Boundary Side 2	YES	M2	Block	Re-render > 1.0m high
Boundaries		Boundary Side 2	YES	M2	Block	Stone wall < 1.0m high
Boundaries		Boundary Side 2	YES	M2	Block	Stone wall > 1.0m high
Boundaries		Boundary Side 2	YES	M2	Block	Timber Fencing <1.0m
Boundaries	_	Boundary Side 2	YES	M2	Block	Timber Fencing > 1.0m
Boundaries		Boundary Side 2	YES	M2	Block	Metal Fencing < 1.2m
Boundaries		Boundary Side 2	YES	M2	Block	Metal Fencing > 1.2m
Boundaries		Retaining wall	YES	LM	External	Retaining wall < 1.5m
Boundaries		Retaining wall	YES	LM	External	Retaining wall > 1.5m
Boundaries		Retaining wall	YES	LM	External	No retaining wall
Boundaries		Retaining wall	YES	M2	Block	Retaining wall < 1.5m
Boundaries		Retaining wall	YES	M2	Block	Retaining wall > 1.5m
Boundaries	_	Retaining wall	YES	M2	Block	No retaining wall
Boundaries	_	Gates	YES	Num	Block	None
Boundaries	_	Gates	YES	Num	Block	Metal single
Boundaries	_	Gates	YES	Num	Block	Timber single
Boundaries		Gates	YES	Num	Block	Metal double
Boundaries	_	Gates	YES	Num	Block	Timber double
Boundaries		Gates	YES	Num	Block	Security Metal
Boundaries		Gates	YES	Num	Block	Metal Gallows
Boundaries		Gates	YES	Num	External	None Motal single
Boundaries		Gates	YES	Num	External	Metal single
Boundaries		Gates	YES	Num	External	Timber single
Boundaries	_	Gates	YES	Num	External	Metal double
Boundaries	_	Gates	YES	Num	External	Timber double
Hard Surfaces		Driveway	YES	M2	External	None Priek Paviana
Hard Surfaces		Driveway	YES	M2	External	Brick Paviour
Hard Surfaces Hard Surfaces		Driveway	YES	M2 M2	External External	Concrete Gravel
Hard Surfaces	_	Driveway	_			
Hard Surfaces		Driveway	YES	M2 M2	External External	Paving Slabs Tarmac
Hard Surfaces		Driveways Driveways	YES	M2	Block	None
Hard Surfaces		Driveways	YES	M2	Block	Brick Paviour
Hard Surfaces		Driveways	YES	M2	Block	Concrete
Hard Surfaces	_	Driveways	YES	M2	Block	Gravel
Hard Surfaces		Driveways	YES	M2	Block	Paving Slabs
Hard Surfaces		Driveways	YES	M2	Block	Tarmac
Hard Surfaces	_	Roads 1	YES	M2	Block	None
Hard Surfaces		Roads 1	YES	M2	Block	Brick & Block Paving
Hard Surfaces		Roads 1	YES	M2	Block	Concrete
Hard Surfaces	_	Roads 1	YES	M2	Block	Gravel
Hard Surfaces		Roads 1	YES	M2	Block	Tarmac
Hard Surfaces		Roads 1	YES	M2	Block	Paving Slabs
Hard Surfaces		Parking & External Environment	NO	Ans	External	None
Hard Surfaces		Parking & External Environment	NO	Ans	External	In Curtlidge
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	Block	None
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	Block	Cast Iron
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	Block	PVCu
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	External	None
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	External	Cast Iron
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	External	PVCu
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	External	Asbestos
Drainage - Above Ground		External Soil Vent Pipe	YES	LM	External	Other
Garages		Garage roof construction	NO	M2	External	None
Garages		Garage roof construction	NO	M2	External	Flat
Garages		Garage roof construction	NO	M2	External	lean to
Garages		Garage roof construction	NO	M2	External	Pitched
Garages		Garage roof construction	NO	Ans	Block	None
Garages		Garage roof construction	NO	Ans	Block	Flat
Garages		Garage roof construction	NO	Ans	Block	lean to
Garages		Garage roof construction	NO	Ans	Block	Pitched
Garages		Garage roof finish	YES	M2	External	None
Garages		Garage roof finish	YES	M2	External	Artificial Slates
Garages		Garage roof finish	YES	M2	External	Clay Tiles
Garages		Garage roof finish	YES	M2	External	Concrete Tiles
		Garage roof finish	YES	M2	External	Felt
Garages		Garage roof finish	YES	M2	External	Metal
Garages Garages			YES	M2	External	Natural Slate
Garages		Garage roof finish				
Garages Garages	392	Garage roof finish Garage roof finish		M2	External	
Garages Garages	392 392	Garage roof finish	YES YES	M2 M2	External External	AC sheet
Garages Garages Garages Garages	392 392 392	Garage roof finish Garage roof finish	YES YES	M2	External	AC sheet Corrugated Metal
Garages Garages	392 392 392 392	Garage roof finish	YES			AC sheet

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Garages		Garage roof finish	YES	M2	Block	Clay Tiles
Garages		Garage roof finish	YES	M2	Block	Concrete Tiles
Garages	393	Garage roof finish	YES	M2	Block	Felt
Garages		Garage roof finish	YES	M2	Block	Metal
Garages	_	Garage roof finish	YES	M2	Block	Natural Slate
Garages		Garage roof finish	YES	M2	Block	AC sheet
Garages		Garage roof finish	YES	M2	Block	Corrugated Metal
Garages		Garage roof finish	YES	M2	Block	Corrugated Mineral Cement
Garages		Garage construction	YES	M2	Block	None
Garages		Garage construction	YES	M2	Block	Brick
Garages		Garage construction	YES	M2	Block	system build concrete
Garages		Garage construction	YES	M2	Block	system build other
Garages		Garage construction Garage construction	YES	M2 M2	Block	Stonework Wood
Garages			YES	M2	External	None
Garages		Garage construction				
Garages		Garage construction	YES	M2 M2	External External	Brick
Garages		Garage construction Garage construction	YES	M2	External	system build concrete system build other
Garages Garages		Garage construction	YES	M2	External	Stonework
Garages	_	Garage construction	YES	M2	External	Wood
Garages		Garage wall finish	YES	M2	External	None
Garages		Garage wall finish	YES	M2	External	PVC-u Clad
Garages		Garage wall finish	YES	M2	External	Render - Chipped
Garages		Garage wall finish	YES	M2	External	Render - Painted
Garages	_	Garage wall finish	YES	M2	External	Render - Plain
Garages		Garage wall finish	YES	M2	External	Tile Hung
Garages		Garage wall finish	YES	M2	External	Timber Clad
Garages		Garage wall finish	YES	M2	External	AC sheet
Garages		Garage wall finish	YES	M2	External	Pointed
Garages	_	Garage wall finish	YES	M2	Block	None
Garages		Garage wall finish	YES	M2	Block	PVC-u Clad
Garages		Garage wall finish	YES	M2	Block	Render - Chipped
Garages		Garage wall finish	YES	M2	Block	Render - Painted
Garages		Garage wall finish	YES	M2	Block	Render - Plain
Garages		Garage wall finish	YES	M2	Block	Tile Hung
Garages		Garage wall finish	YES	M2	Block	Timber Clad
Garages		Garage wall finish	YES	M2	Block	AC sheet
Garages		Garage wall finish	YES	M2	Block	Pointed
Garages		Garages Fascias, Soffits & Bardge	YES	LM	Block	None
Garages		Garages Fascias, Soffits & Bardge	YES	LM	Block	PVCu
Garages		Garages Fascias, Soffits & Bardge	YES	LM	Block	Timber
Garages	398	Garages Fascias, Soffits & Bardge	YES	LM	Block	Other
Garages	399	Garages Fascias, Soffits & Bardge	YES	LM	External	None
Garages	399	Garages Fascias, Soffits & Bardge	YES	LM	External	PVCu
Garages	399	Garages Fascias, Soffits & Bardge	YES	LM	External	Timber
Garages	399	Garages Fascias, Soffits & Bardge	YES	LM	External	Other
Garages	400	Garage RWG	YES	LM	External	None
Garages	400	Garage RWG	YES	LM	External	PVCu
Garages	400	Garage RWG	YES	LM	External	Cast Iron
Garages	400	Garage RWG	YES	LM	External	Other
Garages		Garage RWG	YES	LM	Block	None
Garages		Garage RWG	YES	LM	Block	PVCu
Garages		Garage RWG	YES	LM	Block	Cast Iron
Garages		Garage RWG	YES	LM	Block	Other
Garages		Garage Doors	YES	Num	External	None
Garages		Garage Doors	YES	Num	External	Garage Door metal
Garages		Garage Doors	YES	Num	External	Garage Door Timber
Garages		Garage Doors	YES	Num	Block	None
Garages		Garage Doors	YES	Num	Block	Garage Door metal
Garages		Garage Doors	YES	Num	Block	Garage Door Timber
Garages		Garage windows	YES	Num	Block	None
Garages		Garage windows	YES	Num	Block	Metal Windows
Garages		Garage windows	YES	Num	Block	Timber Windows
Garages	_	Garage windows	YES	Num	External	None
Garages		Garage windows	YES	Num	External	Metal Windows
Garages		Garage windows	YES	Num	External	Timber Windows
Garages		Garage Pedestrian Doors	YES	Num	External	None
Garages		Garage Pedestrian Doors	YES	Num	External	Garage Door timber
Garages		Garage Pedestrian Doors	YES	Num	External	Garage Door metal
Garages		Garage Pedestrian Doors	YES	Num	Block	None
Garages		Garage Pedestrian Doors	YES	Num	Block	Garage Door timber
Garages		Garage Pedestrian Doors	YES	Num	Block	Garage Door metal
Garages		Garage Floor/ Hard Standing	YES	M2	External	Concrete
Garages		Garage Floor/ Hard Standing	YES	M2	External	Paving
Garages		Garage Floor/ Hard Standing	YES	M2	External	Not seen
Garages		Garage Floor/ Hard Standing	YES	M2	Block	Concrete
Garages		Garage Floor/ Hard Standing	YES	M2	Block	Paving
Garages		Garage Floor/ Hard Standing	YES	M2	Block	Not seen
Garages		Car Port Roof Structure	YES	M2	Block	None
Garages		Car Port Roof Structure	YES	M2	Block	Metal
Garages	_	Car Port Roof Structure	YES	M2	Block	Timber
	//113	Car Port Roof Structure	YES	M2	External	None
Garages Garages	_	Car Port Roof Structure	YES	M2	External	Metal

Group Reporting	Q Ref	Question Heading	2ndry_Q	•	Туре	Answer
Garages		Car Port Roof Structure	YES	M2	External	Timber
Garages		Car Port Roof Material	YES	M2	Block	None
Garages		Car Port Roof Material	YES	M2	Block	Artificial Slates
Garages		Car Port Roof Material	YES	M2	Block	Clay Tiles
Garages		Car Port Roof Material	YES	M2	Block	Concrete Tiles
Garages		Car Port Roof Material	YES	M2	Block	Mineral Felt
Garages		Car Port Roof Material	YES	M2	Block	Metal
Garages		Car Port Roof Material	YES	M2 M2	Block	Natural Slate AC sheet
Garages		Car Port Roof Material Car Port Roof Material	YES	M2	Block	Corrugated Metal
Garages		Car Port Roof Material	YES	M2	Block	Corrugated Mineral Cement
Garages		Car Port Roof Material	YES	M2	External	None
Garages		Car Port Roof Material	YES	M2	External	Artificial Slates
Garages		Car Port Roof Material	YES	M2	External	Clay Tiles
Garages		Car Port Roof Material	YES	M2	External	Concrete Tiles
Garages		Car Port Roof Material	YES	M2	External	Mineral Felt
Garages		Car Port Roof Material	YES	M2	External	Metal
Garages		Car Port Roof Material	YES	M2	External	Natural Slate
Garages		Car Port Roof Material	YES	M2	External	AC sheet
Garages		Car Port Roof Material	YES	M2	External	Corrugated Metal
Garages		Car Port Roof Material	YES	M2	External	Corrugated Mineral Cement
Garages		Car port Roof	NO	Ans	Block	None
Garages		Car port Roof	NO	Ans	Block	Pitched
Garages		Car port Roof	NO	Ans	Block	Flat
Garages		Car port Roof	NO	Ans	External	None
Garages		Car port Roof	NO	Ans	External	Pitched
Garages		Car port Roof	NO	Ans	External	Flat
Garages		Car Port Fascias Soffits	YES	LM	External	None
Garages		Car Port Fascias Soffits	YES	LM	External	PVCu
Garages		Car Port Fascias Soffits	YES	LM	External	Timber
Garages		Car Port Fascias Soffits	YES	LM	Block	None
Garages		Car Port Fascias Soffits	YES	LM	Block	PVCu
Garages		Car Port Fascias Soffits	YES	LM	Block	Timber
Garages		Car Port Rainwater disposal	YES	LM	Block	None
Garages		Car Port Rainwater disposal	YES	LM	Block	PVCu
Garages		Car Port Rainwater disposal	YES	LM	Block	Other
Garages		Car Port Rainwater disposal	YES	LM	External	None
Garages		Car Port Rainwater disposal	YES	LM	External	PVCu
Garages		Car Port Rainwater disposal	YES	LM	External	Other
Garages		Car Port Hard standing/flooring	YES	M2	Block	None
Garages		Car Port Hard standing/flooring	YES	M2	Block	Concrete
Garages	422	Car Port Hard standing/flooring	YES	M2	Block	Pre cast concrete or block paving
Garages	423	Car Port Hard standing/flooring	YES	M2	External	None
Garages	423	Car Port Hard standing/flooring	YES	M2	External	Concrete
Garages	423	Car Port Hard standing/flooring	YES	M2	External	Pre cast concrete or block paving
External Buildings	444	Store Roof finish main	YES	M2	External	None
External Buildings	444	Store Roof finish main	YES	M2	External	Artificial Slates
External Buildings	444	Store Roof finish main	YES	M2	External	Clay Tiles
External Buildings	444	Store Roof finish main	YES	M2	External	Concrete Tiles
External Buildings	444	Store Roof finish main	YES	M2	External	Felt
External Buildings	444	Store Roof finish main	YES	M2	External	Glass
External Buildings	444	Store Roof finish main	YES	M2	External	Metal
External Buildings	444	Store Roof finish main	YES	M2	External	Natural Slate
External Buildings		Store Roof finish main	YES	M2	Block	None
External Buildings		Store Roof finish main	YES	M2	Block	Artificial Slates
External Buildings		Store Roof finish main	YES	M2	Block	Clay Tiles
External Buildings		Store Roof finish main	YES	M2	Block	Concrete Tiles
External Buildings		Store Roof finish main	YES	M2	Block	Felt
External Buildings		Store Roof finish main	YES	M2	Block	Glass
External Buildings		Store Roof finish main	YES	M2	Block	Metal
External Buildings		Store Roof finish main	YES	M2	Block	Natural Slate
External Buildings		Store Roof Structure main	YES	M2	Block	None
External Buildings		Store Roof Structure main	YES	M2	Block	Flat
External Buildings		Store Roof Structure main	YES	M2	Block	Lean-To
External Buildings		Store Roof Structure main	YES	M2	Block	Duo Pitched
External Buildings		Store Roof Structure main	NO	M2	External	None
External Buildings		Store Roof Structure main	NO	M2	External	Flat
External Buildings		Store Roof Structure main	NO	M2	External	Lean-To
External Buildings		Store Roof Structure main	NO	M2	External	Duo Pitched
External Buildings		Store Wall Finish main	YES	M2	External	None
External Buildings		Store Wall Finish main	YES	M2	External	Pointed
External Buildings		Store Wall Finish main	YES	M2	External	Render - Chipped
External Buildings		Store Wall Finish main	YES	M2	External	Render - Plain
External Buildings		Store Wall Finish main	YES	M2	External	Tile Hung
External Buildings		Store Wall Finish main	YES	M2	External	Timber Clad
External Buildings		Store Wall Finish main	YES	M2	Block	None
External Buildings		Store Wall Finish main	YES	M2	Block	Pointed Ponder Chinand
External Buildings		Store Wall Finish main	YES	M2	Block	Render - Chipped
External Buildings		Store Wall Finish main	YES	M2	Block	Render - Plain
External Buildings		Store Wall Finish main	YES	M2	Block	Tile Hung
External Buildings		Store Wall Finish main	YES	M2	Block	Timber Clad
External Buildings		Store Wall Structure main	YES	M2	Block	None
External Buildings	450	Store Wall Structure main	YES	M2	Block	Cavity brickwork

Group Reporting	Q Ref	Question Heading	2ndry_Q	Unit	Туре	Answer
External Buildings	_	Store Wall Structure main	YES	M2	Block	Concrete
External Buildings		Store Wall Structure main	YES	M2	Block	Solid Brick
External Buildings		Store Wall Structure main	YES	M2	Block	Solid Stone
External Buildings	_	Store Wall Structure main	YES	M2	Block	Timber Frame
External Buildings		Store Wall Structure main	YES	M2	External	None
External Buildings	_	Store Wall Structure main	YES	M2	External	Cavity brickwork
External Buildings	_	Store Wall Structure main	YES	M2	External	Contrete
External Buildings		Store Wall Structure main Store Wall Structure main	YES	M2 M2	External External	Solid Brick Solid Stone
External Buildings External Buildings	_	Store Wall Structure main	YES	M2	External	Timber Frame
External Buildings	_	Store Door	YES	Num	Block	None
External Buildings	_	Store Door	YES	Num	Block	Aluminium Double Glazed
External Buildings	-	Store Door	YES	Num	Block	Aluminium Single Glazed
External Buildings		Store Door	YES	Num	Block	Composite Double Glazed
External Buildings	_	Store Door	YES	Num	Block	Composite Single Glazed
External Buildings	-	Store Door	YES	Num	Block	Composite Unglazed
External Buildings	_	Store Door	YES	Num	Block	Hardwood Double Glazed
External Buildings		Store Door	YES	Num	Block	Hardwood Single Glazed
External Buildings		Store Door	YES	Num	Block	Hardwood Unglazed
External Buildings	_	Store Door	YES	Num	Block	PVC-u Double Glazed
External Buildings	_	Store Door	YES	Num	Block	PVC-u Single Glazed
External Buildings		Store Door	YES	Num	Block	PVC-u Unglazed
External Buildings		Store Door	YES	Num	Block	Softwood Double Glazed
External Buildings		Store Door	YES	Num	Block	Softwood Single Glazed
External Buildings	_	Store Door	YES	Num	Block	Softwood Unglazed
External Buildings	_	Store Windows	YES	Num	Block	None
External Buildings		Store Windows	YES	Num	Block	DG Metal framed
External Buildings	453	Store Windows	YES	Num	Block	DG PVCu
External Buildings	_	Store Windows	YES	Num	Block	DG Timber
External Buildings	453	Store Windows	YES	Num	Block	SG Timber
External Buildings		Store Windows	YES	Num	Block	SG Metal
External Buildings		Store Windows	YES	Num	Block	SG PVCu
External Buildings	454	Store Windows	YES	Num	External	None
External Buildings	454	Store Windows	YES	Num	External	DG Metal framed
External Buildings	454	Store Windows	YES	Num	External	DG PVCu
External Buildings	454	Store Windows	YES	Num	External	DG Timber
External Buildings	454	Store Windows	YES	Num	External	SG Timber
External Buildings	454	Store Windows	YES	Num	External	SG Metal
External Buildings	454	Store Windows	YES	Num	External	SG PVCu
External Buildings	455	Store Fascia Soffits & Barge	YES	LM	Block	None
External Buildings	455	Store Fascia Soffits & Barge	YES	LM	Block	Other
External Buildings	455	Store Fascia Soffits & Barge	YES	LM	Block	PVCu
External Buildings	455	Store Fascia Soffits & Barge	YES	LM	Block	Timber
External Buildings	456	Store Fascia Soffits & Barge	YES	LM	External	None
External Buildings	456	Store Fascia Soffits & Barge	YES	LM	External	Other
External Buildings	456	Store Fascia Soffits & Barge	YES	LM	External	PVCu
External Buildings	456	Store Fascia Soffits & Barge	YES	LM	External	Timber
External Buildings	457	Store RWG	YES	LM	Block	None
External Buildings		Store RWG	YES	LM	Block	Aluminium
External Buildings		Store RWG	YES	LM	Block	Cast iron/metal
External Buildings	457	Store RWG	YES	LM	Block	Finlock
External Buildings		Store RWG	YES	LM	Block	Lead
External Buildings	_	Store RWG	YES	LM	Block	PVCu
External Buildings	_	Store RWG	YES	LM	Block	Other
External Buildings	_	Store RWG	YES	LM	External	None
External Buildings		Store RWG	YES	LM	External	Aluminium
External Buildings	_	Store RWG	YES	LM	External	Cast iron/metal
External Buildings	_	Store RWG	YES	LM	External	Finlock
External Buildings	_	Store RWG	YES	LM	External	Lead
External Buildings		Store RWG	YES	LM	External	PVCu
External Buildings External Buildings		Store RWG	YES	LM	External	Other
	_	Cycle Store	NO	Ans	Block	Not Applicable
External Buildings	_	Cycle Store	NO	Ans	Block	No Voc
External Buildings	_	Cycle Store	NO	Ans	Block	Yes
External Buildings		Store Door	YES	Num	External	None
External Buildings	_	Store Door	YES	Num	External	Timber
External Buildings	_	Store Door	YES	Num	External	Metal
External Buildings	_	Store Door	YES	Num	External	PVCu None Seen
Refuse	_	Refuse Disposal	YES	Num	External	None Seen
Refuse Refuse	_	Refuse Disposal Refuse Disposal	YES	Num Num	External External	Bin in enclosure
	_	·				
Refuse Refuse	_	Refuse Disposal Refuse Disposal	YES	Storeys	Block	None Chute
	_	•		Storeys	Block	
Refuse Electrical Installations	_	Refuse Disposal	YES	Storeys	Block	External Enclosure Only
uneconcar installations		Security Cameras	YES	Num	Block	Not Applicable Present - Number of Cameras
	405	Security Cameras Roads	YES	Num M2	Block	Brick Paviour
Electrical Installations	167	noad3		M2	Block	
Electrical Installations Hard Surfaces		Roads				
Electrical Installations Hard Surfaces Hard Surfaces	467	Roads	YES		_	Concrete
Electrical Installations Hard Surfaces Hard Surfaces Hard Surfaces	467 467	Roads	YES	M2	Block	Gravel
Electrical Installations Hard Surfaces Hard Surfaces Hard Surfaces Hard Surfaces	467 467 467	Roads Roads	YES YES	M2 M2	Block Block	Gravel Paving Slabs
Electrical Installations Hard Surfaces Hard Surfaces Hard Surfaces	467 467 467 467	Roads	YES	M2	Block	Gravel

Group Reporting	Q Ref	Question Heading	2ndry_Q	Unit	Туре	Answer
Electrical Installations	471	Aerials	YES	Flats	Block	Communal System
Electrical Installations		External & Street Lighting	YES	Num	Block	None
Electrical Installations		External & Street Lighting	YES	Num	Block	Column - Street Light
Electrical Installations		External & Street Lighting	YES	Num	Block	Column Mounted - Security Light
Electrical Installations		External & Street Lighting	YES	Num	Block	Wall Mounted - Security Light
Electrical Installations		External & Street Lighting	YES	Num	Block	Wall Mounted - Street Light
Internal Structure & Finishes		Penetrating Walls damp	NO	Ans	Internal	No
Internal Structure & Finishes		Penetrating Walls damp	NO	Ans	Internal	Yes
Internal Structure & Finishes		Penetrating Roof damp	NO	Ans	Internal	No
Internal Structure & Finishes		Penetrating Roof damp	NO	Ans	Internal	Yes
Internal Structure & Finishes		Penetrating Rainwater goods	NO	Ans	Internal	No
Internal Structure & Finishes	481	Penetrating Rainwater goods	NO	Ans	Internal	Yes
Internal Structure & Finishes		Penetrating Wdw or door openings	NO	Ans	Internal	No
Internal Structure & Finishes	486	Penetrating Wdw or door openings	NO	Ans	Internal	Yes
Building Services	503	Water Booster Pumps	YES	Num	Block	None
Building Services	503	Water Booster Pumps	YES	Num	Block	Yes
Internal Structure & Finishes	506	Means of Escape Signage	YES	Ans	Block	No
Internal Structure & Finishes	506	Means of Escape Signage	YES	Ans	Block	Yes
Bathrooms	508	Bathroom Floor Covering	YES	M2	Block	Vinyl
Bathrooms	508	Bathroom Floor Covering	YES	M2	Block	Carpet
Bathrooms	508	Bathroom Floor Covering	YES	M2	Block	Quarry Tile
Bathrooms	508	Bathroom Floor Covering	YES	M2	Block	Laminate
Bathrooms	508	Bathroom Floor Covering	YES	M2	Block	Timber Boarded
Bathrooms	508	Bathroom Floor Covering	YES	M2	Block	Screed/Concrete
Bathrooms	509	Bathroom Floor Covering	YES	M2	Internal	Vinyl
Bathrooms	509	Bathroom Floor Covering	YES	M2	Internal	Carpet
Bathrooms	509	Bathroom Floor Covering	YES	M2	Internal	Quarry Tile
Bathrooms	509	Bathroom Floor Covering	YES	M2	Internal	Laminate
Bathrooms	509	Bathroom Floor Covering	YES	M2	Internal	Timber Boarded
Bathrooms	509	Bathroom Floor Covering	YES	M2	Internal	Screed/Concrete
Stairs & Balconies		Stair Structure	YES	Num	Internal	None
Stairs & Balconies	510	Stair Structure	YES	Num	Internal	Concrete Staircase
Stairs & Balconies	510	Stair Structure	YES	Num	Internal	Steel Staircase
Stairs & Balconies		Stair Structure	YES	Num	Internal	Timber Staircase
Stairs & Balconies	511	Stair Balustrade	YES	LM	Internal	Missing
Stairs & Balconies	511	Stair Balustrade	YES	LM	Internal	Timber
Stairs & Balconies		Stair Balustrade	YES	LM	Internal	Steel
Kitchens		Kitchen Floor	YES	M2	Internal	Vinyl
Kitchens		Kitchen Floor	YES	M2	Internal	Carpet
Kitchens		Kitchen Floor	YES	M2	Internal	Quarry Tile
Kitchens		Kitchen Floor	YES	M2	Internal	Laminate
Kitchens		Kitchen Floor	YES	M2	Internal	Timber Boarded
Kitchens		Kitchen Floor	YES	M2	Internal	Screed/Concrete
Building Services		Fire Alarm	NO	Flats	Block	Not Applicable
Building Services		Fire Alarm	NO	Flats	Block	No
Building Services		Fire Alarm	NO	Flats	Block	Yes
Stairs & Balconies		Balconies Finish	YES	M2	External	Self Finish Painted
Stairs & Balconies		Balconies Finish	YES	M2	External	Asphalt
Stairs & Balconies		Balconies Finish	YES	M2		Specialist Finish
Stairs & Balconies		Balconies Finish	YES	M2		Quarry Tile
Stairs & Balconies		Balconies Finish	YES	M2		Timber Boards
Stairs & Balconies		Balconies Finish	YES	M2	External	Vinyl
Stairs & Balconies		Balcony Finish - Comm	YES	M2	Block	Self Finish Painted
Stairs & Balconies		Balcony Finish - Comm	YES	M2	Block	Asphalt
Stairs & Balconies		Balcony Finish - Comm	YES	M2	Block	Specialist Finish
Stairs & Balconies		Balcony Finish - Comm	YES	M2	Block	Quarry Tile
Stairs & Balconies		Balcony Finish - Comm	YES	M2	Block	Timber Boards
Stairs & Balconies		Balcony Finish - Comm	YES	M2	Block	Vinyl
Stairs & Balconies		Balconies Finish - Private	YES	M2	Block	Self Finish Painted
Stairs & Balconies		Balconies Finish - Private	YES	M2	Block	Asphalt
Stairs & Balconies		Balconies Finish - Private	YES	M2	Block	Specialist Finish
Stairs & Balconies		Balconies Finish - Private	YES	M2	Block	Quarry Tile
Stairs & Balconies		Balconies Finish - Private	YES	M2	Block	Timber Boards
Stairs & Balconies		Balconies Finish - Private	YES	M2	Block	Vinyl
Hard Surfaces		Roads 2	YES	M2	Block	None
Hard Surfaces		Roads 2	YES	M2	Block	Brick & Block Paving
Hard Surfaces		Roads 2	YES	M2	Block	Concrete
Hard Surfaces		Roads 2	YES	M2	Block	Gravel
Hard Surfaces		Roads 2	YES	M2	Block	Tarmac
Hard Surfaces		Roads 2	YES	M2	Block	Paving Slabs
Hard Surfaces		Paving 1	YES	M2	Block	None
Hard Surfaces		Paving 1	YES	M2	Block	Brick & Block Paving
Hard Surfaces		Paving 1	YES	M2	Block	Concrete
Hard Surfaces		Paving 1	YES	M2	Block	Gravel
Hard Surfaces		Paving 1	YES	M2	Block	Tarmac
Hard Surfaces		Paving 1	YES	M2	Block	Paving Slabs
Hard Surfaces			YES	M2	Block	None
		Paving 2				
Hard Surfaces		Paving 2	YES	M2	Block	Brick & Block Paving
Hard Surfaces		Paving 2	YES	M2	Block	Cravel
Hard Surfaces	520	Paving 2	YES	M2	Block	Gravel
	F ~ ~ ~				Block	
Hard Surfaces		Paving 2	YES	M2		Tarmac
	520	Paving 2 Paving 2 Ceiling Finishes	YES YES	M2 M2	Block Internal	Paving Slabs Plaster

Group Reporting	Q Ref	Question Heading	2ndry_Q	Unit	Туре	Answer
Internal Structure & Finishes	521	Ceiling Finishes	YES	M2	Internal	Artex
Internal Structure & Finishes	521	Ceiling Finishes	YES	M2	Internal	Mixed
Internal Structure & Finishes	521	Ceiling Finishes	YES	M2	Internal	Remove Polystyrene Tiles
Internal Structure & Finishes	521	Ceiling Finishes	YES	M2	Internal	Boarded
Internal Structure & Finishes	521	Ceiling Finishes	YES	M2	Internal	Part Suspended Mixed
Internal Structure & Finishes	522	Wall Finishes	YES	M2	Internal	Plaster
Internal Structure & Finishes	522	Wall Finishes	YES	M2	Internal	Artex
Internal Structure & Finishes	522	Wall Finishes	YES	M2	Internal	Mixed
Internal Structure & Finishes	522	Wall Finishes	YES	M2	Internal	Other
Internal Structure & Finishes	523	Ceiling Finishes	YES	M2	Block	Plaster
Internal Structure & Finishes	_	Ceiling Finishes	YES	M2	Block	Artex
Internal Structure & Finishes		Ceiling Finishes	YES	M2	Block	Mixed
Internal Structure & Finishes	_	Ceiling Finishes	YES	M2	Block	Remove Polystyrene Tiles
Internal Structure & Finishes	_	Ceiling Finishes	YES	M2	Block	Boarded
Internal Structure & Finishes		Ceiling Finishes	YES	M2	Block	Part Suspended Mixed
Internal Structure & Finishes	_	Wall Finishes	YES	M2	Block	Plaster
Internal Structure & Finishes		Wall Finishes	YES	M2	Block	Artex
Internal Structure & Finishes	_	Wall Finishes	YES	M2	Block	Mixed
Internal Structure & Finishes	_	Wall Finishes	YES	M2	Block	Ceramic Wall Tiles
Internal Structure & Finishes		Wall Finishes	YES	M2	Block	Rendered
Internal Structure & Finishes		Wall Finishes	YES	M2	Block	Other
				_	_	
Windows		AOVs Communal Windows	YES	Num	Block	Not Applicable
Windows		AOVs Communal Windows	YES	Num	Block	Present
Building Services	_	Dry or Wet Risers	YES	Storeys	Block	Not Applicable
Building Services		Dry or Wet Risers	YES	Storeys	Block	Dry
Building Services		Dry or Wet Risers	YES	Storeys	Block	Wet
Electrical Installations		Lightning Protection System	YES		Block	Not Applicable
Electrical Installations	_	Lightning Protection System	YES	Storeys	Block	No
Electrical Installations		Lightning Protection System	YES	Storeys	Block	Yes
Roofs		Roof Accessiblity	YES	Storeys	Block	Not Applicable
Roofs		Roof Accessiblity	YES	Storeys	Block	Fixed ladder
Roofs		Roof Accessiblity	YES	Storeys	Block	Ladder Required
Roofs		Roof Accessiblity	YES	Storeys	Block	Walk Out Access
Stairs & Balconies	530	Floor Covering stairs Other	YES	Num	Block	None
Stairs & Balconies		Floor Covering stairs Other	YES	Num	Block	carpet
Stairs & Balconies	530	Floor Covering stairs Other	YES	Num	Block	Vinyl sheet or tile
Stairs & Balconies		Floor Covering stairs Other	YES	Num	Block	Other
Stairs & Balconies	531	Floor finish Corridors 2ndry	YES	M2	Block	None
Stairs & Balconies	531	Floor finish Corridors 2ndry	YES	M2	Block	Carpet
Stairs & Balconies	531	Floor finish Corridors 2ndry	YES	M2	Block	Ceramic Tile
Stairs & Balconies	531	Floor finish Corridors 2ndry	YES	M2	Block	Vinyl sheet or tile
Stairs & Balconies	531	Floor finish Corridors 2ndry	YES	M2	Block	Non-slip vinyl sheet
Stairs & Balconies	531	Floor finish Corridors 2ndry	YES	M2	Block	Laminate
Estate	600	Roads 1	YES	M2	Estate	Tarmac
Estate	601	Roads 2	YES	M2	Estate	Tarmac
Estate	602	Paths 1	YES	M2	Estate	Paving Slabs
Estate	603	Paths 2	YES	M2	Estate	Tarmac
Estate	604	Paths 3	YES	M2	Estate	Tarmac
Estate	605	Paths 4	YES	M2	Estate	Paving Slabs
Estate	606	Bollards & Posts 1	YES	Num	Estate	Metal
Estate	_	Bollards & Posts 2	YES	Num	Estate	Concrete
Estate		Gates 1	YES	Num	Estate	Automatic ramp
Estate		Gates 2	YES	Num	Estate	gallows
Estate		Gates 3	YES	Num	Estate	Vehicular
Estate		Barriers	YES	Num	Estate	Electric Gates
Estate		Fencing 1	YES	Num	Estate	Bike Hoops
Estate		Fencing 2	YES	Num	Estate	Hooped Railings
Estate		Road Gulleys 1	YES	LM	Estate	Metal CI Channels
		Road Gulleys 2	YES	Num	Estate	Cast Iron Small
Estate	1 010		5	_		
Estate Estate	619	Road Gulleys 3	YES	Num	Estate	Cast Iron Standard
Estate Estate		Road Gulleys 3 Road/ Parking Bay Markings	YES	Num	Estate Estate	Cast Iron Standard Paint

Appendix D
Schedule of Rates

Group_Reporting	Question_Ref	Question_Heading	Unit	Category	Answer	Typical Life Cycle	Unit Cost
Heating & Hot Water			Ans	Communal	None or None Visible		0.00
Heating & Hot Water	138	Cold Water Storage	Ans	Communal	Tank in Roof space	40	280.80
Heating & Hot Water	138	Cold Water Storage	Ans	Communal	Tank Room	40	280.80
Heating & Hot Water	139	Cold Water Storage	Num	Dwelling Internal	Mains Direct	60	1,188.00
Heating & Hot Water	139	Cold Water Storage	Num	Dwelling Internal	Tank in Roof space	45	280.80
Heating & Hot Water	139	Cold Water Storage	Num	Dwelling Internal	Tank In Cupboard	40	558.46
Heating & Hot Water	139	Cold Water Storage	Num	Dwelling Internal	Combination Tank/Cyl	30	518.73
Heating & Hot Water	139	Cold Water Storage	Num	Dwelling Internal	Communal	30	486.00
Heating & Hot Water	139	Cold Water Storage	Num	Dwelling Internal	Not Seen	30	0.00
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	0mm	25	19.91
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	0-50mm	25	19.91
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	50-100mm	25	19.91
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	100-150mm	25	19.91
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	150-200mm	25	19.91
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	200-250mm	25	19.91
Roofs	140	Roof Loft Insulation	Ans	Dwelling Internal	250-280mm	25	19.91
Roofs		Roof Loft Insulation	Ans	Dwelling Internal	280mm+	25	
Roofs		Roof Loft Insulation	Ans	Dwelling Internal	No access		0.00
Roofs		Roof Loft Insulation	Ans	Dwelling Internal	Other dwelling above		0.00
Roofs		Roof Loft Insulation	Ans	Communal	0mm	25	
Roofs	141	Roof Loft Insulation	Ans	Communal	0-50mm	25	
Roofs	141	Roof Loft Insulation	Ans	Communal	50-100mm	25	
Roofs	141	Roof Loft Insulation	Ans	Communal	100-150mm	25	
Roofs		Roof Loft Insulation	Ans	Communal	150-200mm	25	
		Roof Loft Insulation	Ans	Communal	200-250mm	25	19.91
Roofs Roofs		Roof Loft Insulation Roof Loft Insulation	Ans	Communal	250-280mm	25	
	141	Roof Loft Insulation Roof Loft Insulation				25	
Roofs Roofs	141	Roof Loft Insulation Roof Loft Insulation	Ans Ans	Communal Communal	280mm + No access	25	0.00
	141				No access No		0.00
Bathrooms		Communal Bathroom	Ans	Communal			0.00
Bathrooms	142	Communal Bathroom	Ans	Communal Dwolling Internal	Yes Not Applicable		
Roofs			Ans	Dwelling Internal	Not Applicable		0.00
Roofs		Roof Pipe Insulation	Ans	Dwelling Internal	Yes		0.00
Roofs		Roof Pipe Insulation	Ans	Dwelling Internal	Required		0.00
Bathrooms			Num	Communal	None		0.00
Bathrooms			Num	Communal	Bath WC WHB present	30	
Bathrooms	144	Bathroom	Num	Communal	Bath WHB only	30	
Bathrooms		Bathroom	Num	Communal	Bath WC only	30	
Bathrooms		Bathroom	Num	Dwelling Internal	None		0.00
Bathrooms		Bathroom	Num	Dwelling Internal	Bath WC WHB present	30	
Bathrooms	145	Bathroom	Num	Dwelling Internal	Bath WHB only	30	
Bathrooms		Bathroom	Num	Dwelling Internal	Bath WC only	30	
Bathrooms	145	Bathroom	Num	Dwelling Internal	No Bath WC WHB present	30	777.60
Bathrooms	145	Bathroom	Num	Dwelling Internal	No Bath WHB only	30	329.40
Bathrooms	146	Shower over bath	Num	Dwelling Internal	None		0.00
Bathrooms	146	Shower over bath	Num	Dwelling Internal	Electric Shower	15	245.69
Bathrooms	146	Shower over bath	Num	Dwelling Internal	Mixer Taps	20	151.09
Bathrooms	147	Shower over bath	Num	Communal	None		0.00
Bathrooms	147	Shower over bath	Num	Communal	Electric Shower	12	245.69
Bathrooms	147	Shower over bath	Num	Communal	Mixer Taps	20	151.09
Bathrooms	148	Separate Shower Enclosure	Num	Dwelling Internal	None		0.00
Bathrooms	148	Separate Shower Enclosure	Num	Dwelling Internal	Tray & Glass	30	955.80
Bathrooms	148	Separate Shower Enclosure	Num	Dwelling Internal	Tray & Curtain	30	610.20
Bathrooms	148	Separate Shower Enclosure	Num	Dwelling Internal	Wet Room/ Toilet & Basin	30	3,427.92
Bathrooms	148	Separate Shower Enclosure	Num	Dwelling Internal	Wet Room- No WC	30	2,742.12
Bathrooms	149	Separate Shower Enclosure	Num	Communal	None		0.00
Bathrooms	149	Separate Shower Enclosure	Num	Communal	Tray & Glass	30	955.80
Bathrooms	149		Num	Communal	Tray & Curtain	30	
Bathrooms		Separate Shower Enclosure	Num	Communal	Wet Room/ Toilet & Basin	30	
Bathrooms		Separate Shower Enclosure	Num	Communal	Wet Room- No WC	30	
Bathrooms		Separate Shower type	Num	Dwelling Internal	Electric Shower	15	
Bathrooms		Separate Shower type	Num	Dwelling Internal	Mains Mixer	20	
Bathrooms		Separate Shower type	Num	Dwelling Internal	Thermostatic non-mixer	20	
Bathrooms	151	Separate Shower type	Num	Communal	None		0.00
Bathrooms		Separate Shower type	Num	Communal	Electric Shower	12	
Bathrooms			Num	Communal	Mains Mixer	15	
Bathrooms		Separate Shower type	Num	Communal	Thermostatic non-mixer	15	
Bathrooms		Bathroom Extract Fan	Num	Dwelling Internal	Present	15	
Bathrooms		Bathroom Extract Fan	Num	Dwelling Internal	Not Present, Not Feasible	13	0.00
Bathrooms		Bathroom Extract Fan	Num	Dwelling Internal	Not Present, Not Feasible Not Present, feasible		0.00
Bathrooms		Bathroom Extract Fan				20	
			Num	Dwelling Internal	Mechanical System	15	
Bathrooms		Bathroom Extract Fan	Num	Communal	Present Not Present, not feasible	15	
Bathrooms		Bathroom Extract Fan	Num	Communal	<u> </u>		0.00
Bathrooms		Bathroom Extract Fan	Num	Communal	Not Present, feasible	15	
Bathrooms		Bathroom Extract Fan	Num	Communal Dwolling Internal	Passivent air extraction	35	
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	Satisfactory		0.00
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	Inadequate- Improvement Not Possible		0.00
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	Inadequate Space - improvement possible	100	
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	Access through main bedroom	100	
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	WC is external	100	
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	WC without WHB off kitchen	100	
Bathrooms		Bathroom Space Layout	Ans	Dwelling Internal	WC/ nearest WHB not on same floor	100	
Bathrooms		Bathroom Space Layout	Ans	Communal	None		0.00
Bathrooms		Bathroom Space Layout	Ans	Communal	Satisfactory		0.00
Bathrooms		Bathroom Space Layout	Ans	Communal	Inadequate- Improvement Not Possible		0.00
Bathrooms		Bathroom Space Layout	Ans	Communal	Inadequate Space - Improvement possible	100	
Bathrooms		WC Additional	Num	Dwelling Internal	None		0.00
Bathrooms		WC Additional	Num	Dwelling Internal	WC and WHB present	30	
Bathrooms	159	WC Additional	Num	Dwelling Internal	WC only	30	307.80
Bathrooms	160	WC Additional	Num	Communal	None		0.00
Bathrooms		WC Additional	Num	Communal	WC and WHB present	30	777.60
Bathrooms		WC Additional	Num	Communal	WC only	30	
Bathrooms		WC Extract fan	Num	Dwelling Internal	Present	15	
Bathrooms		WC Extract fan	Num	Dwelling Internal	Not Present, not feasible	15	0.00
		WC Extract fan	Num	Dwelling Internal	Not Present, feasible		0.00
Bathrooms							
Bathrooms Bathrooms		WC Extract fan	Num	Dwelling Internal	Mechanical System	201	308.88
Bathrooms	161	WC Extract fan WC Extract fan	Num Num	Dwelling Internal Dwelling Internal	Mechanical System Not Applicable	20	308.88
	161 161	WC Extract fan WC Extract fan Extract fans WC Only	Num Num Num	Dwelling Internal Dwelling Internal Communal	Mechanical System Not Applicable Present	15	0.0

Commanda Describer	Ot' Def	Occasion Handing	11.2	Colonia	A	Torical Life Code	11-'t Ct
Group_Reporting Bathrooms	Question_Ref	Question_Heading Extract fans WC Only	Unit Num	Category Communal	Answer Passive Air extraction	Typical Life Cycle 50	Unit Cost 420.01
Bathrooms		Extract fans WC Only	Num	Communal	Not present feasible	15	
Bathrooms	162	Extract fans WC Only	Num	Communal	N/A		0.00
Drainage - Above Ground	163	Internal Soil Vent Pipe	LM	Dwelling Internal	Cast Iron	60	85.41
Drainage - Above Ground		Internal Soil Vent Pipe	LM	Dwelling Internal	UPVC	50	24.46
Drainage - Above Ground		Internal Soil Vent Pipe Internal Soil Vent Pipe	LM	Dwelling Internal	Not seen		0.00
Drainage - Above Ground Drainage - Above Ground	164 164	Internal Soil Vent Pipe	LM LM	Communal Communal	Cast Iron UPVC	60 50	85.41 24.46
Drainage - Above Ground		Internal Soil Vent Pipe	LM	Communal	Not seen	30	0.00
Kitchens		Kitchen	Units	Dwelling Internal	None		0.00
Kitchens		Kitchen	Units	Dwelling Internal	Up to 5 Units	20	
Kitchens	166	Kitchen	Units	Dwelling Internal	6 to 8 Units	15	4,244.44
Kitchens		Kitchen	Units	Dwelling Internal	9 to 12 Units	15	4,503.60
Kitchens Kitchens	166 167	Kitchen Kitchen	Units Num	Dwelling Internal Communal	13 to 15 Units None	20	4,765.82 0.00
Kitchens	167	Kitchen	Num	Communal	Up to 5 Units	15	3,861.12
Kitchens	167	Kitchen	Num	Communal	6 to 8 Units	15	
Kitchens	167	Kitchen	Num	Communal	9 to 12 Units	15	
Kitchens	167	Kitchen	Num	Communal	Kitchen - Catering or Commercial	15	
Kitchens	168	Kitchen Space Layout	Ans	Dwelling Internal	Adequate Good	400	0.00
Kitchens Kitchens		Kitchen Space Layout Kitchen Space Layout	Ans Ans	Dwelling Internal Dwelling Internal	Inadequate Poor Not Applicable	100	1,620.00
Kitchens	171		Num	Communal	Present	15	
Kitchens	171		Num	Communal	Not Present		0.00
Kitchens	171	Kitchen Extractor Fan	Num	Communal	Install extractor fan	15	353.79
Kitchens	171	Kitchen Extractor Fan	Num	Communal	Passivent	35	420.01
Kitchens	172		Num	Dwelling Internal	Present Net Bresent	15	
Kitchens Kitchens	172 172	Kitchen Extractor Fan Kitchen Extractor Fan	Num Num	Dwelling Internal Dwelling Internal	Not Present Mechanical System	20	0.00 200.88
Communal Area Size and Layout	172		Ans	Dwelling Internal DH	Adequate	20	0.00
Communal Area Size and Layout		Kitchens	Ans	Dwelling Internal DH	Inadequate Improvement Possible	100	2,160.00
Communal Area Size and Layout	173	Kitchens	Ans	Dwelling Internal DH	Inadequate Improvement Not Possible		0.00
Stairs & Balconies	174	Communal Stair Structure	Num	Communal	None		0.00
Stairs & Balconies	174	Communal Stair Structure	Num	Communal	Concrete Staircase	100	
Stairs & Balconies Stairs & Balconies	174 174		Num Num	Communal Communal	Steel Staircase Timber Staircase	80 80	
Floor Coverings	174	Floor Covering stairs	Num	Communal	None	80	0.00
Floor Coverings			Num	Communal	carpet	15	39.80
Floor Coverings	175	Floor Covering stairs	Num	Communal	Vinyl sheet or tile	15	35.99
Floor Coverings	175	Floor Covering stairs	Num	Communal	Other	20	
Stairs & Balconies	176	Communal handrail	LM	Communal	None		0.00
Stairs & Balconies	176		LM	Communal	Timber	50	107.42
Stairs & Balconies Floor Coverings	176 177		LM M2	Communal Communal	metal None	50	182.98 0.00
Floor Coverings		Floor finish Corridors	M2	Communal	Carpet	15	39.80
Floor Coverings	177	Floor finish Corridors	M2	Communal	Ceramic Tile	40	69.28
Floor Coverings	177		M2	Communal	Vinyl sheet or tile	15	35.99
Floor Coverings	177		M2	Communal	Non-slip vinyl sheet	15	35.99
Floor Coverings		Floor finish Corridors	M2	Communal	Laminate	20	39.32
Heating & Hot Water		Heating Fuel Main	Ans	Dwelling Internal	Gas		0.00
Heating & Hot Water Heating & Hot Water		Heating Fuel Main Heating Fuel Main	Ans Ans	Dwelling Internal Dwelling Internal	Electric Solid Fuel		0.00
Heating & Hot Water		Heating Fuel Main	Ans	Dwelling Internal	Oil		0.00
Heating & Hot Water		Heating Fuel Main	Ans	Dwelling Internal	Biomass		0.00
Heating & Hot Water		Heating Fuel Main	Ans	Dwelling Internal	Other		0.00
Heating & Hot Water	180		Num	Communal	No Central heating		0.00
Heating & Hot Water		Boiler	Num	Communal	Communal Cond Combi	15	
Heating & Hot Water		Boiler	Num	Communal	Communal Combi	15	
Heating & Hot Water Heating & Hot Water		Boiler Boiler	Num Num	Communal Communal	Communal Standard Warm Air	15	2,160.00 3,402.00
Heating & Hot Water		Boiler	Num	Communal	Night Storage	15	
Heating & Hot Water		Boiler	Num	Communal	Night Storage & panel	15	354.24
Heating & Hot Water		Boiler	Num	Communal	Panel Heaters Only	15	108.00
Heating & Hot Water		Heating Extent	Ans	Communal	None		0.00
Heating & Hot Water		Heating Extent	Ans	Communal	Full		0.00
Heating & Hot Water Heating & Hot Water	181	Heating Extent Heating Extent	Ans Ans	Communal Dwelling Internal	Partial None		0.00
Heating & Hot Water Heating & Hot Water		Heating Extent Heating Extent	Ans	Dwelling Internal Dwelling Internal	Full		0.00
Heating & Hot Water		Heating Extent	Ans	Dwelling Internal	Partial		0.00
Heating & Hot Water		Boiler	Num	Dwelling Internal	Domestic Cond Combi	15	
Heating & Hot Water		Boiler	Num	Dwelling Internal	Domestic Combi	15	
Heating & Hot Water		Boiler	Num	Dwelling Internal	Domestic Standard	15	
Heating & Hot Water		Boiler	Num	Dwelling Internal	Night Storage	25	
Heating & Hot Water Heating & Hot Water		Boiler Boiler	Num Num	Dwelling Internal Dwelling Internal	Night Storage & panel Domestic Back Boiler & Fire Front	25 25	
Heating & Hot Water		Boiler	Num	Dwelling Internal	Domestic Back Boiler & Fire Front Domestic Electric Wet System	15	
Heating & Hot Water		Boiler	Num	Dwelling Internal	Warm Air	20	
Heating & Hot Water		Boiler	Num	Dwelling Internal	Solid/ Multi Fuel Stove	25	
Heating & Hot Water	183	Boiler	Num	Dwelling Internal	Panel Heaters Only	25	108.00
Heating & Hot Water		Boiler	Num	Dwelling Internal	Communal Cond Combi	100	0.00
Heating & Hot Water		Boiler	Num	Dwelling Internal	Communal Standard	100	
Heating & Hot Water Heating & Hot Water		Boiler Boiler	Num Num	Dwelling Internal Dwelling Internal	Communal Standard No Central heating	20 15	
Heating & Hot Water		Radiators & Distribution	Num	Communal	Standard rads	40	
Heating & Hot Water		Radiators & Distribution	Num	Communal	None	40	0.00
Heating & Hot Water		Radiators & Distribution	Num	Communal	LST Radiators	30	
Heating & Hot Water		Radiators & Distribution	Num	Communal	Underfloor Heating from Boiler		0.00
Heating & Hot Water		Radiators & Distribution	Num	Dwelling Internal	Standard rads	30	
Heating & Hot Water		Radiators & Distribution	Num	Dwelling Internal	None LST Radiators		0.00
Heating & Hot Water Heating & Hot Water		Radiators & Distribution Radiators & Distribution	Num	Dwelling Internal	LST Radiators Underfloor Heating from Boiler	30	178.20 0.00
Heating & Hot Water Heating & Hot Water		Radiator TRVs	Num Ans	Dwelling Internal Dwelling Internal	Present		0.00
Heating & Hot Water		Radiator TRVs	Ans	Dwelling Internal	None		0.00
Heating & Hot Water		Heating Hot water	Num	Dwelling Internal	From Combi/ Condensing Boiler		0.00
Heating & Hot Water	195	Heating Hot water	Num	Dwelling Internal	Communal No Cylinder		0.00
Heating & Hot Water		Heating Hot water	Num	Dwelling Internal	Pressurised Cylinder	30	842.40
Heating & Hot Water	195	Heating Hot water	Num	Dwelling Internal	Non Pressurised Cylinder	30	410.73

Group_Reporting Heating & Hot Water	Question_Ref	Question_Heading Heating Hot water	Unit Flats	Category Communal	Answer None	Typical Life Cycle	Unit Cost 0.00
Heating & Hot Water		Heating Hot water	Flats	Communal	From Combi/ Condensing Boiler		0.00
Heating & Hot Water		Heating Hot water	Flats	Communal	Calorifier	30	
Heating & Hot Water	199		Num	Dwelling Internal	None		0.00
Heating & Hot Water	199	, ,	Num	Dwelling Internal	Gas open flue fire	25	
Heating & Hot Water	199	Secondary Heating	Num	Dwelling Internal	Gas balanced flue fire	25	2,393.28
Heating & Hot Water	199	Secondary Heating	Num	Dwelling Internal	Open fire	35	1,313.28
Heating & Hot Water	199	Secondary Heating	Num	Dwelling Internal	Electric focal point fire	20	450.00
Heating & Hot Water		Hot & Cold Water Distribution	Flats	Communal	N/A		0.00
Heating & Hot Water		Hot & Cold Water Distribution	Flats	Communal	Copper	60	
Heating & Hot Water		Hot & Cold Water Distribution	Flats	Communal	Galvanised	45	
Heating & Hot Water		Hot & Cold Water Distribution	Flats	Communal	Plastic	60	
Heating & Hot Water		Hot & Cold Water Distribution	Flats	Communal	Lead	80	
Heating & Hot Water Electrical Installations		Hot & Cold Water Distribution Power & Lighting	Flats	Communal	Mixed None	60	147.00 0.00
Electrical Installations	204	Power & Lighting	Flats	Communal Communal	Rewire	30	
Electrical Installations	204	Power & Lighting	Flats	Communal	Partial rewire	30	
Electrical Installations	205	Consumer Unit Type	Flats	Communal	None	30	0.00
Electrical Installations	205	Consumer Unit Type	Flats	Communal	Communal	30	
Electrical Installations	207	Emergency Lighting	Num	Communal	Present	20	
Electrical Installations	207	Emergency Lighting	Num	Communal	Not Present		0.00
Electrical Installations	208	Door Entry System	Flats	Communal	None		0.00
Electrical Installations	208	Door Entry System	Flats	Communal	Concierge	15	14,040.00
Electrical Installations	208	Door Entry System	Flats	Communal	Voice and Camera	15	
Electrical Installations	208		Flats	Communal	Voice Only	15	
Electrical Installations	208	Door Entry System	Flats	Communal	Push button	15	
Electrical Installations		Intruder alarm system	Ans	Communal	None		0.00
Electrical Installations	209	Intruder alarm system	Ans	Communal	Linked		0.00
Electrical Installations	209		Ans	Communal	Independent	 	0.00
Building Services Building Services	211	Fire Fighting Equipment Fire Fighting Equipment	Ans Ans	Communal Communal	Not Applicable No		0.00
Building Services Building Services		Fire Fighting Equipment Fire Fighting Equipment	Ans	Communal	Yes		0.00
Laundry		Laundry	Ans	Communal	No No		0.00
Laundry	212	Laundry	Ans	Communal	Yes		0.00
Laundry		Laundry Floor Covering	M2	Communal	Vinyl	15	
Laundry	213	Laundry Floor Covering	M2	Communal	Ceramic	40	
Laundry	214	Laundry Sink	Num	Communal	no sink		0.00
Laundry	214	Laundry Sink	Num	Communal	sink unit < 3m worktop	20	581.04
Laundry	214	Laundry Sink	Num	Communal	sink unit > 3m worktop	20	
Laundry		Laundry Extract fan	Num	Communal	Extractor fan present	15	
Laundry		Laundry Extract fan	Num	Communal	Extractor fan not present		0.00
Laundry		Laundry Extract fan	Num	Communal	Install Extractor fan	12	
Internal Doors		Internal Doors Fire	Num	Communal	None	20	0.00
Internal Doors		Internal Doors Fire	Num	Communal	Fire Door Std Glazing	30	
Internal Doors		Internal Doors Fire	Num	Communal	Fire Door Toughened Glazing	30	
Internal Doors Internal Doors	217	Internal Doors Fire Internal Doors Non Fire	Num Num	Communal	Fire Door Unglazed None	30	0.00
Internal Doors		Internal Doors Non Fire	Num	Communal Communal	Softwood Unglazed	30	
Internal Doors		Internal Doors Non Fire	Num	Communal	Softwood Toughened Glazing	30	
Internal Doors		Internal Doors Non Fire	Num	Communal	Softwood Std Glazing	30	
Internal Doors	217	Internal Doors Non Fire	Num	Communal	Composite Std Glazing	40	
Internal Doors	217	Internal Doors Non Fire	Num	Communal	Composite Toughened Glazing	40	335.00
Internal Doors	217	Internal Doors Non Fire	Num	Communal	Composite Unglazed	30	265.00
Internal Doors	218	Internal Doors	Ans	Dwelling Internal	Softwood Unglazed	65	265.00
Internal Doors		Internal Doors	Ans	Dwelling Internal	Softwood Std Glazing	65	
Internal Doors	218	Internal Doors	Ans	Dwelling Internal	Softwood Toughened Glazing	65	
Internal Doors		Internal Doors	Ans	Dwelling Internal	Fire Door Std Glazing	65	
Internal Doors		Internal Doors	Ans	Dwelling Internal	Fire Door Toughened Glazing	65	1
Internal Doors		Internal Doors	Ans	Dwelling Internal	Fire Door Unglazed	65	
Internal Doors		Internal Doors Internal Doors	Ans	Dwelling Internal	Composite Std Glazing	65 65	
Internal Doors Internal Doors		Internal Doors	Ans Ans	Dwelling Internal Dwelling Internal	Composite Toughened Glazing Composite Unglazed	65	
Internal Doors		Internal Doors	Ans	Dwelling Internal	None	- 03	0.00
Internal Structure & Finishes		Internal Walls Structural Stability	Ans	Dwelling Internal	No cracking		0.00
Internal Structure & Finishes		Internal Walls Structural Stability	Ans	Dwelling Internal	Cracking - Differential	100	
Internal Structure & Finishes	219	Internal Walls Structural Stability	Ans	Dwelling Internal	Cracking Suspected Structural	100	
Internal Structure & Finishes	220	Internal Walls Structural Stability	Ans	Communal	No cracking		0.00
Internal Structure & Finishes		Internal Walls Structural Stability	Ans	Communal	Cracking	100	86.18
Internal Structure & Finishes		Floors Structural Stability	Ans	Dwelling Internal	No defects		0.00
Internal Structure & Finishes	221	Floors Structural Stability	Ans	Dwelling Internal	Concrete Floor Heave	100	
Internal Structure & Finishes		Floors Structural Stability	Ans	Dwelling Internal	Timber Floor deflection	100	
Internal Structure & Finishes		Floors Structural Stability	Ans	Communal	No defects	ļ	0.00
Internal Structure & Finishes	222	Floors Structural Stability Floors Structural Stability	Ans	Communal	Concrete Floor Heave	100	
Internal Structure & Finishes Roof Finish Main	222	Roofs	Ans M2	Communal Dwelling Internal DH	Timber Floor deflection Concrete Tiles	100 55	
Roof Finish Main		Roofs	M2	Dwelling Internal DH Dwelling Internal DH	Natural slates	95	
Roof Finish Main		Roofs	M2	Dwelling Internal DH	Artificial slates	40	
Roof Finish Main	225	Roofs	M2	Dwelling Internal DH	Clay	60	
Roof Finish Main	225	Roofs	M2	Dwelling Internal DH	Felt	20	
Roof Finish Main		Roofs	M2	Dwelling Internal DH	Asphalt	25	
Roof Finish Main		Roofs	M2	Dwelling Internal DH	Metal	40	
Roof Finish Main	225	Roofs	M2	Dwelling Internal DH	Water Proof membrane	25	
Roof Finish Main		Roofs	M2	Dwelling Internal DH	Sedum	30	209.52
Roof Finish Main		Roofs	M2	Dwelling Internal DH	Other/specialist	30	
Roof Finish Main		Roof Finish Main	M2	House	Concrete Tiles	55	
Roof Finish Main		Roof Finish Main	M2	House	Natural slates	95	
Roof Finish Main		Roof Finish Main	M2	House	Artificial slates	40	
Roof Finish Main		Roof Finish Main	M2	House	Clay	60	
Roof Finish Main		Roof Finish Main	M2	House	Felt	20	
Roof Finish Main		Roof Finish Main	M2	House	Asphalt	25	
Roof Finish Main		Roof Finish Main	M2	House	Metal	40	
Roof Finish Main		Roof Finish Main	M2	House	Water Proof membrane	25	
Roof Finish Main		Roof Finish Main	M2	House	Sedum Other/specialist	30	
Roof Finish Main		Roof Finish Main	M2	House	Other/specialist	30	
Roof Finish Main Roof Finish Main		Roof Finish Main Roof Finish Main	M2 M2	Communal	Concrete Tiles Natural slates	55 95	
Roof Finish Main		Roof Finish Main	M2	Communal Communal	Natural slates Artificial slates	95 40	
NOOL LIIIISII IVIAIII	221	NOOT (IIIISII IVIAIII	IVIZ	Communa	ri tiricidi siates	40	32.14

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Group_Reporting	Question_Ref	Question_Heading	Unit	Category	Answer	Typical Life Cycle	
Roof Finish Main		Roof Finish Main Roof Finish Main	M2	Communal	Clay	60	
Roof Finish Main Roof Finish Main		Roof Finish Main	M2 M2	Communal Communal	Felt Asphalt	20 25	
Roof Finish Main		Roof Finish Main	M2	Communal	Metal	40	
Roof Finish Main		Roof Finish Main	M2	Communal	Water Proof membrane	25	
Roof Finish Main		Roof Finish Main	M2	Communal	Sedum	30	
Roof Finish Main	227	Roof Finish Main	M2	Communal	Other/specialist	30	
Roofs	228	Flashing - Main Roof	LM	House	None		0.00
Roofs	228		LM	House	Lead	60	129.77
Roofs	228	Flashing - Main Roof	LM	House	Zinc	75	39.40
Roofs	228	Flashing - Main Roof	LM	House	Copper	95	129.77
Roofs	228		LM	House	Felt	20	48.91
Roofs		Flashing - Main Roof	LM	House	Other	60	
Roofs		Flashing - Main Roof	LM	Communal	None		0.00
Roofs		Flashing - Main Roof	LM	Communal	Lead	50	
Roofs		Flashing - Main Roof	LM	Communal	Zinc	50	
Roofs		Flashing - Main Roof Flashing - Main Roof	LM LM	Communal	Copper	95 20	
Roofs Roofs		Flashing - Main Roof	LM	Communal	Felt Other	50	
Roofs		Fascia Soffit & Barge - Main Roof	LM	Communal Communal	PVCu	30	
Roofs		Fascia Soffit & Barge - Main Roof	LM	Communal	Timber	40	
Roofs		Fascia Soffit & Barge - Main Roof	LM	Communal	Other	30	
Roofs		Fascia Soffit & Barge - Main Roof	LM	Communal	Asbestos	35	
Roofs		Fascia Soffit & Barge - Main Roof	LM	Communal	Open Eaves		0.00
Roofs	231	Fascia Soffit & Barge - Main Roof	LM	House	PVCu	35	41.93
Roofs	231	Fascia Soffit & Barge - Main Roof	LM	House	Timber	50	41.93
Roofs	231	ÿ	LM	House	Other	50	
Roofs		ū	LM	House	Asbestos	35	
Roofs	231	Fascia Soffit & Barge - Main Roof	LM	House	Open Eaves		0.00
Roofs	231	Fascia Soffit & Barge - Main Roof	LM	House	None Part Structure		0.00
Drainage - Above Ground		Roof Gutters - Main	LM	Communal	None		0.00
Drainage - Above Ground			LM	Communal	Aluminium	30	
Drainage - Above Ground Drainage - Above Ground	232 232	Roof Gutters - Main Roof Gutters - Main	LM LM	Communal Communal	Cast iron/metal Finlock	45 50	
Drainage - Above Ground Drainage - Above Ground	232		LM	Communal	Lead	60	
Drainage - Above Ground			LM	Communal	Other	30	
Drainage - Above Ground	232	Roof Gutters - Main	LM	Communal	PVCu	20	
Drainage - Above Ground	232	Roof Gutters - Main	LM	Communal	Felt	20	
Drainage - Above Ground	232	Roof Gutters - Main	LM	Communal	Asbestos	35	49.68
Drainage - Above Ground	233	Roof Gutters - Main	LM	House	None		0.00
Drainage - Above Ground	233	Roof Gutters - Main	LM	House	PVCu	20	28.85
Drainage - Above Ground		Roof Gutters - Main	LM	House	Cast iron/metal	45	
Drainage - Above Ground		Roof Gutters - Main	LM	House	Finlock	50	
Drainage - Above Ground		Roof Gutters - Main	LM	House	Lead	60	
Drainage - Above Ground		Roof Gutters - Main	LM	House	Other	50	
Drainage - Above Ground		Roof Gutters - Main	LM	House	Aluminium	35	
Drainage - Above Ground	233		LM LM	House	Felt	20	
Drainage - Above Ground Drainage - Above Ground		Roof Gutters - Main Roof Downpipes	LM	House Communal	Asbestos Not Applicable	35	49.68 0.00
Drainage - Above Ground	234		LM	Communal	Cast Iron	60	
Drainage - Above Ground	234		LM	Communal	PVCu	30	
Drainage - Above Ground	234		LM	Communal	Asbestos	30	
Drainage - Above Ground		Roof Downpipes	LM	House	Not Applicable		0.00
Drainage - Above Ground	235		LM	House	Cast Iron	60	49.68
Drainage - Above Ground	235	Roof Downpipes	LM	House	PVCu	30	30.89
Drainage - Above Ground	235	Roof Downpipes	LM	House	Asbestos	30	49.68
Roofs	238	Roof Construction Type	Ans	House	Duo Pitched		0.00
Roofs	238	Roof Construction Type	Ans	House	Duo Pitched with Hip end		0.00
Roofs		Roof Construction Type	Ans	House	Flat		0.00
Roofs		Roof Construction Type	Ans	House	Mono Pitched		0.00
Roofs		Roof Construction Type	Ans	Communal	Duo Pitched		0.00
Roofs		Roof Construction Type	Ans	Communal	Duo Pitched with Hip end		0.00
Roofs Roofs		Roof Construction Type Roof Construction Type	Ans Ans	Communal Communal	Flat Mono Pitched		0.00
Roofs		Roof Construction Type Roof Structure	Ans	Communal	Structurally Sound		0.00
Roofs		Roof Structure	Ans	Communal	Structurally unsound		0.00
Roofs		Roof Structure	M2	Dwelling Internal	Structurally Sound		0.00
Roofs		Roof Structure	M2	Dwelling Internal	Structurally unsound	100	
Roofs		Roof Structure	M2	Dwelling Internal	Other dwelling Over		0.00
Roofs		Roof ventilation	Ans	Communal	None		0.00
Roofs		Roof ventilation	Ans	Communal	Yes		0.00
Roofs		Roof ventilation Adequate	Ans	House	None		0.00
Roofs		Roof ventilation Adequate	Ans	House	Yes		0.00
Windows		Dormer Windows Present	Ans	House	No No		0.00
Windows		Dormer Windows Present	Ans	House	Yes		0.00
Windows		Dormer Windows Present	Ans	Communal	No Voc		0.00
Windows Roof Finish Main		Dormer Windows Present Dormer Roof Finish	Ans M2	Communal	Yes Concrete Tiles	55	0.00 52.75
Roof Finish Main		Dormer Roof Finish	M2	Communal Communal	Concrete Tiles Natural slates	95	
Roof Finish Main		Dormer Roof Finish	M2	Communal	Artifical slates	40	
Roof Finish Main		Dormer Roof Finish	M2	Communal	Clay Tiles	60	
Roof Finish Main		Dormer Roof Finish	M2	Communal	Felt	20	
Roof Finish Main		Dormer Roof Finish	M2	Communal	Asphalt	25	
Roof Finish Main		Dormer Roof Finish	M2	Communal	Metal	40	
Roof Finish Main		Dormer Roof Finish	M2	House	None		0.00
Roof Finish Main	247		M2	House	Concrete Tiles	55	
Roof Finish Main	247		M2	House	Natural slates	95	
Roof Finish Main		Dormer Roof Finish	M2	House	Artifical slates	40	
Roof Finish Main		Dormer Roof Finish	M2	House	Clay Tiles	60	
Roof Finish Main		Dormer Roof Finish	M2	House	Felt	20	
Roof Finish Main	247		M2	House	Asphalt	25	
Roof Finish Main		Dormer Roof Finish	M2	House	Metal	40	
Roof Finish Main		Rooflights	Num	House	None		0.00
Roof Finish Main		Rooflights	Num	House	Velux Rooflight	30	
Roof Finish Main Roof Finish Main		Rooflights Rooflights	Num	House	Roof light other	30	
Roof Finish Main Roof Finish Main		Rooflights	Num Num	Communal Communal	None Velux Rooflight	30	0.00
NOOT I IIIISII IVIDIII	249	nooniguta	MUIII	Commulati	veius noonigiit	30	1,242.00

Group_Reporting	Question_Ref	Question_Heading	Unit	Category	Answer	Typical Life Cycle	Unit Cost
Roof Finish Main		Rooflights	Num	Communal	Roof light other	30	
Roofs Roofs		Roof Fall Arrest System Roof Fall Arrest System	Ans Ans	Communal Communal	No Yes		0.00
Wall Structure		Chimney	Num	House	None		0.00
Wall Structure		Chimney	Num	House	Shared Rebuild	60	
Wall Structure		Chimney	Num	House	Stand Alone Rebuild	60	432.00
Wall Structure	257	Chimney	Num	House	Stand Alone Repoint/ Re render	60	
Wall Structure		Chimney	Num	House	Shared Repoint/ Re render	60	
Wall Structure		Chimney	M2	Communal	None		0.00
Wall Structure	258	Chimney	M2	Communal	Shared Rebuild	60	432.00
Wall Structure	258	Chimney	M2	Communal	Stand Alone Rebuild	60	432.00
Wall Structure	258	Chimney	M2	Communal	Stand Alone Repoint/ Re render	60	45.09
Wall Structure	258	Chimney	M2	Communal	Shared Repoint/ Re render	60	
Wall Structure		Chimney Configuration	Ans	House	None		0.00
Wall Structure		Chimney Configuration	Ans	House	One Chimney Only		0.00
Wall Structure	260	Chimney Configuration	Ans	House	2-3 Chimneys		0.00
Wall Structure		Chimney Configuration	Ans	House	4-5 Chimneys		0.00
Wall Structure		Chimney Configuration	Ans	House Duralling Internal	More Than 5 Chimneys	25	0.00
Electrical Installations		Electrical Installation Electrical Installation	Num	Dwelling Internal Dwelling Internal	Upgrade Rewire	35 35	
Electrical Installations Electrical Installations		Consumer Unit Type	Num Num	Dwelling Internal	MCBs	30	
Electrical Installations		Consumer Unit Type	Num	Dwelling Internal	Splitload with MCBs or RCD	30	
Electrical Installations		Consumer Unit Type	Num	Dwelling Internal	None	30	0.00
Electrical Installations		Smoke Detectors	Num	Dwelling Internal	None		0.00
Electrical Installations		Smoke Detectors	Num	Dwelling Internal	Mains Wired	15	
Electrical Installations		Smoke Detectors	Num	Dwelling Internal	Battery	10	
Electrical Installations		Smoke Detectors	Num	Dwelling Internal	Heat Detector	15	
Electrical Installations		CO Detectors	Ans	Dwelling Internal	No		0.00
Electrical Installations	265	CO Detectors	Ans	Dwelling Internal	Yes		0.00
Windows	267	Windows	Num	House	DG PVCu	30	557.22
Windows		Windows	Num	House	DG Timber	30	557.22
Windows		Windows	Num	House	Metal frame DG	30	
Windows		Windows	Num	House	Metal frame SG	30	
Windows		Windows	Num	House	Sash Windows	30	
Windows		Windows	Num	House	SG Wood Windows	30	
Windows		Windows	Num	House	Triple Glazed PVCu Windows SG PVCu	30	
Windows Windows		Windows Windows	Num Num	House House	SG Sash Windows	30	
Windows		Windows Windows Dwellings	Num	Communal	DG PVCu	30	
Windows		Windows Dwellings Windows Dwellings	Num	Communal	DG Timber	30	
Windows		Windows Dwellings	Num	Communal	Metal frame DG	30	534.41
Windows		Windows Dwellings	Num	Communal	Sash Windows	30	
Windows		Windows Dwellings	Num	Communal	Metal frame SG	45	
Windows	268	Windows Dwellings	Num	Communal	SG Wood Windows	30	557.22
Windows	268	Windows Dwellings	Num	Communal	Triple Glazed PVCu Windows	30	834.40
Windows	268	Windows Dwellings	Num	Communal	SG PVCu	30	557.22
Windows	268	Windows Dwellings	Num	Communal	SG Sash Windows	30	557.22
Windows		Windows Secondary	Num	Communal	None		0.00
Windows		Windows Secondary	Num	Communal	DG PVCu	30	
Windows		Windows Secondary	Num	Communal	DG Timber	30	
Windows		Windows Secondary	Num	Communal	Metal frame DG	30	
Windows		Windows Secondary	Num	Communal	Sash Windows	30	
Windows		Windows Secondary	Num	Communal	Metal frame SG	45	
Windows		Windows Secondary Windows Secondary	Num	Communal	SG Wood Windows	30	557.22 834.40
Windows Windows		Windows Secondary Windows Secondary	Num Num	Communal Communal	Triple Glazed PVCu Windows SG PVCu	30	557.22
Windows		Windows Secondary Windows Secondary	Num	Communal	SG Sash Windows	30	
Windows		Windows Secondary	Num	House	None	30	0.00
Windows		Windows Secondary	Num	House	DG PVCu	30	_
Windows		Windows Secondary	Num	House	DG Timber	30	
Windows		Windows Secondary	Num	House	Metal frame DG	30	
Windows	270	Windows Secondary	Num	House	Sash Windows	30	668.66
Windows		Windows Secondary	Num	House	Metal frame SG	45	
Windows		Windows Secondary	Num	House	SG Wood Windows	30	
Windows		Windows Secondary	Num	House	Triple Glazed PVCu Windows	30	
Windows		Windows Secondary	Num	House	SG PVCu	30	
Windows		Windows Secondary	Num	House	SG Sash Windows	30	
Windows		Bay Windows	Num	Communal	No Voc		0.00
Windows Windows		Bay Windows Bay Windows	Num Num	Communal House	Yes No	30	0.00 0.00
Windows		Bay Windows	Num	House	Yes	30	
Windows		Windows Communal	Num	Communal	None	30	0.00
Windows		Windows Communal	Num	Communal	DG PVCu	30	
Windows		Windows Communal	Num	Communal	DG Timber	30	
Windows		Windows Communal	Num	Communal	Metal frame DG	30	
Windows		Windows Communal	Num	Communal	DG Sash Windows	30	
Windows		Windows Communal	Num	Communal	Metal frame SG	45	
Windows		Windows Communal	Num	Communal	SG Wood Windows	30	
Windows		Windows Communal	Num	Communal	Triple Glazed PVCu Windows	30	
Windows		Windows Communal	Num	Communal	SG PVCu	30	
Windows		Windows Communal	Num	Communal	SG Sash Windows	30	
Windows		Glazed Screens Comm	M2	Communal	None	ļ	0.00
Windows		Glazed Screens Comm	M2	Communal	Glazed Screen	60	
Windows		Windows	Num	Dwelling Internal DH	None DC DVC:		0.00
Windows		Windows	Num	Dwelling Internal DH	DG PVCu	30	
Windows		Windows	Num	Dwelling Internal DH	DG Timber Metal frame DG	30	
Windows		Windows	Num	Dwelling Internal DH	Metal frame DG	30	
Windows Windows		Windows Windows	Num Num	Dwelling Internal DH Dwelling Internal DH	DG Sash Windows Metal frame SG	30 45	534.4
Windows		Windows	Num	Dwelling Internal DH	SG Wood Windows	30	
Windows		Windows	Num	Dwelling Internal DH	Triple Glazed PVCu Windows	30	
Windows		Windows	Num	Dwelling Internal DH	SG PVCu	30	
Windows		Windows	Num	Dwelling Internal DH	SG Sash Windows	30	
Wall Structure		External Walls	M2	Dwelling Internal DH	Cavity Brickwork	100	224.42
Wall Structure		External Walls	M2	Dwelling Internal DH	Solid Brick	100	318.60
Wall Structure		External Walls	M2	Dwelling Internal DH	Non traditional system build	100	
Wall Structure		External Walls	M2	Dwelling Internal DH	Stone	100	

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Group_Reporting Wall Structure	Question_Ref	Question_Heading External Walls	Unit M2	Category Dwelling Internal DH	Answer Timber Frame	Typical Life Cycle 100	Unit Cost 224.42
External Wall Finish	277	External Wall Finish	M2	Dwelling Internal DH	Repointing	60	45.09
External Wall Finish			M2	Dwelling Internal DH	PVC-u Clad	35	146.08
External Wall Finish	277	External Wall Finish	M2	Dwelling Internal DH	Render / painted render	35	53.30
External Wall Finish	277		M2	Dwelling Internal DH	Tyrolean/pebbledash	60	52.75
External Wall Finish	277	External Wall Finish	M2	Dwelling Internal DH	Tile hanging	45	84.48
External Wall Finish	277	External Wall Finish	M2	Dwelling Internal DH	Timber cladding	35	185.94
External Wall Finish	277	External Wall Finish	M2	Dwelling Internal DH	Thermal Insulation Panel render system	35	729.00
External Wall Finish	277	External Wall Finish	M2	Dwelling Internal DH	Curtain walling	60	2,096.28
Roofs		Roof Porch	M2	Communal	None		0.00
Roofs		Roof Porch	M2	Communal	Concrete Tiles	55	52.75
Roofs	281	Roof Porch	M2	Communal	Natural Slate	95	96.61
Roofs		Roof Porch	M2	Communal	Artificial Slates	40	52.74
Roofs Roofs	281	Roof Porch Roof Porch	M2 M2	Communal	Clay Felt	60 20	86.19 44.49
Roofs	281	Roof Porch	M2	Communal Communal	Metal	40	78.97
Roofs		Roof Porch	M2	Communal	Other	30	56.00
Roofs			M2	House	None	30	0.00
Roofs		Roof Porch	M2	House	Concrete Tiles	55	52.75
Roofs	282	Roof Porch	M2	House	Natural Slate	95	96.61
Roofs		Roof Porch	M2	House	Artificial Slates	40	52.74
Roofs	282	Roof Porch	M2	House	Clay	60	86.19
Roofs	282	Roof Porch	M2	House	Felt	20	44.49
Roofs	282	Roof Porch	M2	House	Metal	40	78.97
Roofs	282	Roof Porch	M2	House	Other	30	56.00
Roofs	283	Porch Roof Structure	Ans	Communal	None		0.00
Roofs	283		Ans	Communal	Lean-To		0.00
Roofs	283		Ans	Communal	Pitched		0.00
Roofs	283	Porch Roof Structure	Ans	Communal	Flat		0.00
Roofs	283	Porch Roof Structure	Ans	Communal	Other		0.00
Roofs	284 284		Ans Ans	House House	None		0.00
Roofs Roofs	284	Porch Roof Structure Porch Roof Structure	Ans	House	Lean-To Pitched		0.00
Roofs	284	Porch Roof Structure	Ans	House	Flat		0.00
Roofs	284		Ans	House	Other		0.00
Roofs		Porch Fascias	LM	House	None		0.00
Roofs	285		LM	House	PVCu	30	69.87
Roofs	285	Porch Fascias	LM	House	Timber	50	41.93
Roofs	286	Porch Fascias	LM	Communal	None		0.00
Roofs	286	Porch Fascias	LM	Communal	PVCu	30	69.87
Roofs	286	Porch Fascias	LM	Communal	Timber	40	69.88
Drainage - Above Ground	287	Porch Downpipes	LM	House	None		0.00
Drainage - Above Ground	287	Porch Downpipes	LM	House	PVCu	30	30.89
Drainage - Above Ground			LM	House	Cast Iron	60	49.68
Drainage - Above Ground	288	Porch Downpipes	LM	Communal	None		0.00
Drainage - Above Ground		Porch Downpipes	LM	Communal	PVCu	30	30.89
Drainage - Above Ground Drainage - Above Ground	288 289	Porch Downpipes Porch Gutters	LM LM	Communal Communal	Cast Iron None	60	49.68 0.00
Drainage - Above Ground		Porch Gutters	LM	Communal	PVCu	20	28.85
Drainage - Above Ground	289		LM	Communal	Cast Iron	45	55.90
Drainage - Above Ground	289		LM	Communal	Aluminium	30	52.74
Drainage - Above Ground	289		LM	Communal	Felt	30	44.49
Drainage - Above Ground	290	Porch Gutters	LM	House	None		0.00
Drainage - Above Ground	290	Porch Gutters	LM	House	PVCu	20	28.85
Drainage - Above Ground	290	Porch Gutters	LM	House	Cast Iron	45	55.90
Drainage - Above Ground	290		LM	House	Aluminium	35	52.74
Drainage - Above Ground		Porch Gutters	LM	House	Felt	20	44.49
Wall Structure		Porch Wall Structure	M2	House	None		0.00
Wall Structure		Porch Wall Structure	M2	House	Solid Brick	80	318.60
Wall Structure		Porch Wall Structure	M2	House	Cavity	100	351.00
Wall Structure		Porch Wall Structure Porch Wall Structure	M2	House	Timber Frame	80	224.42
Wall Structure Wall Structure		Porch Wall Structure Porch Wall Structure	M2 M2	House House	Concrete Solid Stone	80 100	64.80 318.60
Wall Structure		Porch Wall Structure	M2	House	Other	50	95.04
Wall Structure			M2	Communal	None	30	0.00
Wall Structure	292	Porch Wall Structure	M2	Communal	Solid Brick	80	318.60
Wall Structure		Porch Wall Structure	M2	Communal	Cavity	100	25.74
Wall Structure	292	Porch Wall Structure	M2	Communal	Timber Frame	80	224.42
Wall Structure		Porch Wall Structure	M2	Communal	Concrete	80	64.80
Wall Structure		Porch Wall Structure	M2	Communal	Solid Stone	100	318.60
Wall Structure		Porch Wall Structure	M2	Communal	Other	80	23.27
External Wall Finish		Porch Wall Finish	M2	Communal	None		0.00
External Wall Finish		Porch Wall Finish	M2	Communal	Repoint	60	45.09
External Wall Finish		Porch Wall Finish	M2	Communal	Other Render - Chinned	40	65.53
External Wall Finish		Porch Wall Finish Porch Wall Finish	M2 M2	Communal Communal	Render - Chipped	50 45	65.53
External Wall Finish External Wall Finish		Porch Wall Finish Porch Wall Finish	M2 M2	Communal	Render - Painted Render - Plain	45	53.30 53.30
External Wall Finish		Porch Wall Finish	M2	Communal	Tile Hung	60	84.48
External Wall Finish		Porch Wall Finish	M2	Communal	Timber Clad	35	147.60
External Wall Finish		Porch Wall Finish	M2	House	None	33	0.00
External Wall Finish		Porch Wall Finish	M2	House	Repoint	60	45.09
External Wall Finish		Porch Wall Finish	M2	House	Other	60	614.01
External Wall Finish		Porch Wall Finish	M2	House	Render - Chipped	50	65.53
External Wall Finish		Porch Wall Finish	M2	House	Render - Painted	45	53.30
External Wall Finish		Porch Wall Finish	M2	House	Render - Plain	45	53.30
External Wall Finish		Porch Wall Finish	M2	House	Tile Hung	60	84.48
External Wall Finish		Porch Wall Finish	M2	House	Timber Clad	35	147.60
Windows		Porch Windows	Num	House	None		0.00
Windows		Porch Windows	Num	House	DG Metal Windows	30	534.41
Windows		Porch Windows	Num	House	DG PVCu Windows	30	557.22
Windows	295	Porch Windows	Num	House	DG Wood Windows Other Double Glazed	30	557.22
Windows Windows		Porch Windows Porch Windows	Num Num	House	Other Double Glazed Other Single Glazed	30 30	557.22 557.22
Windows		Porch Windows Porch Windows	Num	House	SG Metal Windows	30	557.22
Windows		Porch Windows Porch Windows	Num	House House	SG Wood Windows	30	534.41
Windows		Porch Windows Porch Windows	Num	House	SG PVCu Windows	30	557.22
Windows		Porch Windows Porch Windows	Num	Communal	None	30	0.00
	290	1. 2. 30. **********************************	1		···=··=		0.00

Group_Reporting	Question_Ref	Question_Heading	Unit	Category	Answer	Typical Life Cycle	Unit Cost
Windows		Porch Windows	Num	Communal	DG Metal Windows	30	534.41
Windows		Porch Windows	Num	Communal	DG PVCu Windows	30	557.22
Windows		Porch Windows	Num	Communal	DG Wood Windows	30	557.22
Windows		Porch Windows	Num	Communal	Other Double Glazed	30	557.22
Windows			Num	Communal	Other Single Glazed	30	557.22
Windows	296		Num	Communal	SG Metal Windows	30	534.41
Windows	296	Porch Windows	Num	Communal	SG Wood Windows	30	557.22
Windows	296	Porch Windows	Num	Communal	SG PVCu Windows	30	557.22
Roofs	297	Canopies	M2	House	None		0.00
Roofs	297	Canopies	M2	House	GRP	30	345.50
Roofs	297	Canopies	M2	House	Concrete	80	351.00
Roofs	297	Canopies	M2	House	Timber mineral felt	20	44.49
Roofs	297	Canopies	M2	House	Glazed	40	84.49
Roofs	298	Canopies Cantilever	M2	Communal	None		0.00
Roofs	298	Canopies Cantilever	M2	Communal	GRP	30	345.50
Roofs	298	Canopies Cantilever	M2	Communal	Concrete	75	445.50
Roofs	298	Canopies Cantilever	M2	Communal	Glazed	40	351.00
Wall Structure	299	Wall Structure Main	M2	Communal	Cavity Brickwork	100	224.42
Wall Structure		Wall Structure Main	M2	Communal	Solid Brick	80	318.60
Wall Structure		Wall Structure Main	M2	Communal	Non traditional system build	30	47.41
Wall Structure		Wall Structure Main	M2	Communal	Stone	80	318.60
Wall Structure			M2	Communal	Timber Frame	80	224.42
Wall Structure		Wall Structure Main	M2	Communal	Concrete & Panel	80	257.21
Wall Structure		Wall Structure Main	M2	House	Cavity Brickwork	100	224.42
Wall Structure		Wall Structure Main	M2	House	Solid Brick	80	318.60
Wall Structure		Wall Structure Main	M2	House	Non traditional system build	100	1,080.00
Wall Structure		Wall Structure Main	M2	House	Stone	100	318.60
Wall Structure			M2	House	Timber Frame	80	224.42
Wall Structure		Wall Structure defects (Main)	M2	House	None	80	0.00
Wall Structure	301	Wall Structure defects (Main)	M2	House	Replace spalling brickwork	20	224.42
Wall Structure	301	Wall Structure defects (Main)	M2	House	Replace wall ties	20	318.60
Wall Structure		Wall Structure defects (Main)	_	Communal	None	20	0.00
			M2			100	
Wall Structure		Wall Structure defects (Main)	M2	Communal	Spalling	100	250.00
Wall Structure		Wall Structure defects (Main)	M2	Communal	Bulging	100	250.00
Wall Structure		Wall Structure defects (Main)	M2 LM	Communal	Structural Cracking	100	2,850.00 0.00
Wall Structure	303	Rising Damp - Failed DPC	_	Communal	No V	20	
Wall Structure		Rising Damp - Failed DPC	LM .	Communal	Yes	20	48.60
Wall Structure		External Walls Structural Stability	Ans	House	No defects		0.00
Wall Structure		External Walls Structural Stability	Ans	House	Bulging wall	100	0.00
Wall Structure	304	External Walls Structural Stability	Ans	House	Cracking above lintel	100	48.60
Wall Structure	304	External Walls Structural Stability	Ans	House	Cracking from foundation level	100	0.00
External Wall Finish	306	Thermal insulation (Main)	Ans	House	Cavity wall insulation present	50	140.40
External Wall Finish	306	Thermal insulation (Main)	Ans	House	Cavity wall insulation not present	50	140.40
External Wall Finish	306	Thermal insulation (Main)	Ans	House	Solid wall insulated		0.00
External Wall Finish	306	Thermal insulation (Main)	Ans	House	Solid wall not insulated		0.00
External Wall Finish	306	Thermal insulation (Main)	Ans	House	Cavity wall insulated render	50	65.53
External Wall Finish	307	Thermal insulation (Main)	Ans	Communal	Cavity wall insulation present	50	140.40
External Wall Finish	307	Thermal insulation (Main)	Ans	Communal	Cavity wall insulation not present	50	140.40
External Wall Finish	307	Thermal insulation (Main)	Ans	Communal	Solid wall insulated	100	0.00
External Wall Finish	307	Thermal insulation (Main)	Ans	Communal	Solid wall not insulated		0.00
External Wall Finish	307	Thermal insulation (Main)	Ans	Communal	Cavity wall insulated render	50	65.53
Wall Structure	308	Lintels	Num	House	Not visible		0.00
Wall Structure	308	Lintels	Num	House	Stone	100	351.00
Wall Structure	308	Lintels	Num	House	Concrete	100	351.00
Wall Structure	308	Lintels	Num	House	Brickwork	100	351.00
Wall Structure	309	Lintels	Num	Communal	Not visible		0.00
Wall Structure	309	Lintels	Num	Communal	Stone	60	351.00
Wall Structure	309	Lintels	Num	Communal	Concrete	60	351.00
Wall Structure	309	Lintels	Num	Communal	Brickwork	60	351.00
Wall Structure	310	Cills	LM	House	None		0.00
Wall Structure		Cills	LM	House	Stone	100	246.08
Wall Structure		Cills	LM	House	Tile	60	87.42
Wall Structure		Cills	LM	House	Concrete	100	49.45
Wall Structure		Cills	LM	House	Brickwork	100	329.00
Wall Structure		Cills	LM	Communal	None	130	0.00
Wall Structure		Cills	LM	Communal	Stone	20	246.08
Wall Structure		Cills	LM	Communal	Tile	20	87.42
Wall Structure		Cills	LM	Communal	Concrete	20	49.45
Wall Structure		Cills	LM	Communal	Brickwork	100	329.00
Wall Structure		Mullions	Num	House	Stone	100	146.08
Wall Structure		Mullions	Num	House	Concrete	100	49.45
Wall Structure		Mullions	Num	House	No Mullions	130	0.00
External Wall Finish		Wall Finish Main	M2	House	Repointing	60	45.09
External Wall Finish		Wall Finish Main	M2	House	PVC-u Clad	35	146.08
External Wall Finish		Wall Finish Main	M2	House	Render / painted render	35	53.30
External Wall Finish		Wall Finish Main	M2	House	Tyrolean/pebbledash	60	
External Wall Finish		Wall Finish Main	M2	House	Tile hanging	45	84.48
External Wall Finish		Wall Finish Main	M2	House	Timber cladding	35	185.94
External Wall Finish		Wall Finish Main	M2	House	Thermal Insulation Panel render system	35	729.00
External Wall Finish		Wall Finish Main Wall Finish Main	M2	House	Curtain walling	60	
External Wall Finish		Wall Finish Main Wall Finish Main	M2 M2	Communal	Repointing PVC Clad	60	49.45 146.08
External Wall Finish			_	Communal		35	
External Wall Finish		Wall Finish Main	M2	Communal	Render - painted render	60	53.30
External Wall Finish		Wall Finish Main	M2	Communal	Tyrolean - Pebbledash	60	146.08
External Wall Finish		Wall Finish Main	M2	Communal	Tile hanging	45	
External Wall Finish		Wall Finish Main	M2	Communal	Timber cladding	35	185.94
External Wall Finish		Wall Finish Main	M2	Communal	Thermal Insulation Panel render system	25	729.00
External Wall Finish		Wall Finish Main	M2	Communal	Curtain walling	40	2,096.28
External Wall Finish		Wall Finish Main	M2	Communal	Brick Slips	25	35.27
External Wall Finish		Wall Finish External (other)	M2	House	None		0.00
External Wall Finish	316	Wall Finish External (other)	M2	House	Repointing	60	45.09
External Wall Finish		Wall Finish External (other)	M2	House	PVC-u Clad	25	146.08
External Wall Finish		Wall Finish External (other)	M2	House	Render/painted render	50	53.30
External Wall Finish	316	Wall Finish External (other)	M2	House	Tyrolean/pebbledash	60	64.80
External Wall Finish		Wall Finish External (other)	M2	House	Tile hanging	45	84.48
External Wall Finish		Wall Finish External (other)	M2	House	Timber cladding	35	185.94
			M2	House	Thermal Insulation Panel render system	35	
External Wall Finish	316	Wall Finish External (other)	IVIZ	nouse	Thermal insulation ratie reduct system	331	729.00

Secure 100 1	Group_Reporting	Question Ref	Question Heading	Unit	Category	Answer	Typical Life Cycle	Unit Cost
December 17								
Total August 10 10 10 10 10 10 10 1								0.00
March Marc								
Transport of Part Street 13				_				
2016 2016				_				146.08
Transmit Month 17 World From From Anne of Debre 19 Command Person Inculation Provider system 7 2005		317	Wall Finish External Other		Communal		45	84.48
Content Will File 1.7 Year 7.00 File State of Detail Office 0.00								185.94
Transmit Marin (Sept.) 17 Mont (Fresh Fresh Fres								
WASSENDER 128 Parce Quarter (Depart Col. M. Command Poc Col. Co								
Mail Standard							- 00	
Wall Stocknick	Wall Structure							0.00
Web Standard	Wall Structure			Ans	House	No		0.00
March Statuties 30 Dec 60 Notes March March	Wall Structure							0.00
Stant & Stationers 20							40	
State Selectione 22 Selectione Selection 24 Selection 25 S						1	40	
State Statement 20							60	
State Selectioner 22 Sectioner Selectricate M. Proces Sectioner Selectricate M. Proces M								209.63
State is Risconies 329 Selectiones Selectioned M. Pooce Price Report 100 4.50	Stairs & Balconies	324	Balconies Balustrade	LM	House	Glazed	35	172.45
Start & Riscones 3.24 Riscones Risplantanes M. House Nau & Rail Report die 10.25 Miller 10.25 Mil				_				160.11
Start & Balcones 328 Beckennes (Starture - Common M2				_		·		
Name Stationist 375 Bactomost Structure - Comm AD Commonal None				_				
Name & Balcones							100	
17.5 Sections 17.5 Sections Structure - Coron 16.2 Coronaval Media 17.5							100	137.53
State Stationes 228 Between Structure 902 Noise Noise 30 300	Stairs & Balconies	325	Balconies Structure - Comm	M2				137.53
Table Tabl							80	185.94
Start & Balonies 32 Become Structure 02 House Notal 75 33.65				_				0.00
State & Ballonienes 32 Ballonienes Statuture ACZ Sooce Concrete 100 23.06 State & Ballonienes 327 Ballonienes Ballottade - Comm M. Communal Nove 30.06 State & Ballonienes 327 Ballonienes Ballottade - Comm M. Communal Social 31.06 State & Ballonienes 327 Ballonienes Ballottade - Comm M. Communal Gladed 38.11 Life State & Ballonienes 327 Ballonienes Ballottade - Comm M. Communal Britance Ballonienes 120 Ballonienes 122 Ballonienes 123 Ballonienes								
Start & Balconies 377 Balconies Bulletrade - Comm M Communal Morel 77								210.60
Start & Balconnes 377 Balconnes Balconnes Salvatorade - Comm M Communal Vicod 33 195.48							100	0.00
Start & Batkones 377 Batkones Salvardae - Comm M Communal Bickwork Report 1909 386.22	Stairs & Balconies	327	Balconies Balustrade - Comm	LM	Communal	Metal		0.00
State Selectione 377 Belocines Bulstrade - Comm M Communal Brickwork Regulat 100 38.05 State A Balconies 377 Belocines Subtrade - Comm M Communal Brickwork Regulat 100 45.05 State A Balconies 377 Belocines Subtrade - Comm M Communal Brickwork Regulat 73 13.65 State A Balconies 377 Belocines Subtrade - Comm M Communal Brickwork Regulat 73 13.65 State A Balconies 377 Belocines Subtrade - Comm M Communal Brickwork Regulat 73 13.65 State A Balconies 328 Belocines Structure - Private V2 Communal Brickwork Regulat 100 46.85 State A Balconies 328 Belocines Structure - Private V2 Communal Brickwork Regulat 100 46.85 State A Balconies 328 Belocines Structure - Private V2 Communal Brickwork Regulat 100 46.85 State A Balconies 328 Belocines Structure - Private V2 Communal Brickwork Regulat 100 46.85 State A Balconies 328 Belocines Structure - Private V2 Communal Brickwork Regulat 100 46.85 State A Balconies 328 Belocines Bulstrade - Private V3 Communal Brickwork Regulat V3 Communal				_				195.48
Stanis R Balconies 237 Balconies Balustrader - Comm M. Communal Servicework Region 1,00 45.05 Stanis R Balconies 237 Balconies Balustrader - Comm M. Communal Swk & Rall Rebuild 7,7 24.05 Stanis R Balconies 327 Balconies Balustrader - Comm M. Communal Swk & Rall Rebuild 7,9 24.05 Stanis R Balconies 328 Balconies Structure - Private M. Communal None 1,00 Stanis R Balconies 329 Balconies Structure - Private M. Communal C								
Start & Baltonies 237 Baltonies Baltorated - Comm M Communal Savit & Rail Rebuild 75 216.65 Start & Baltonies 232 Baltonies Structure - Private M2 Communal Timber 0.00 Start & Baltonies 232 Baltonies Structure - Private M2 Communal Timber 0.00 Start & Baltonies 232 Baltonies Structure - Private M2 Communal Timber 0.00 0.00 Start & Baltonies 232 Baltonies Structure - Private M2 Communal Timber 0.00 0.00 Start & Baltonies 232 Baltonies Structure - Private M2 Communal Timber 0.00 0.00 0.00 Start & Baltonies 232 Baltonies Structure - Private M2 Communal Order 0.00 0.00 0.00 Start & Baltonies 232 Baltonies Baltotrade - Private M3 Communal 0.00				_				
State S Balconies 227 Balconies Balastrader-Comm 50 50 50 50 50 50 50								
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Stars & Balconies 328 Balconies Structure - Private M2 Communal Metal 100 48.85 Stars & Balconies 328 Balconies Stuttura - Private M2 Communal Communal Concrete 100 48.85 Stars & Balconies 329 Balconies Balutrade - Private IM Communal Mcred 20 88.15 Stars & Balconies 329 Balconies Balutrade - Private IM Communal Wood 23 23 13 13 13 13 13 13 13 13 13 13 13 13 14	Stairs & Balconies	328	Balconies Structure - Private	M2	Communal	None		0.00
Stars & Balsonies 328 Balsonies 326 Balsonies 327 Balsonies 327 Balsonies 300 Balsonies 301 Balsonies 302 Balsonies 302 Balsonies 302 Balsonies 303 Balsonies 304 Balsonies 305 Balsonies 306 Balsonies 306 Balsonies 306 Balsonies 306								0.00
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Stairs & Baltonnies 329 Baltonnies Baltstrafie - Private L. M. Communal Modo 20 80.15 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Modo 20 130.15 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Glazed 35 133.15 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. M. Communal Brickwork Republ M. 50 450.5 Stairs & Baltonies 329 Baltonies Baltstrafie - Private L. M. M. Communal M. 80 85 858.6 50 52.7							100	
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Stairs & Balzonies 323 Balzonies Balzonies Balzonies Balzonies Anno 1908 M. Communal dev. & Rail Repoint 50 4,505 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Concrete Tiles 55 5,575 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Concrete Tiles 55 5,575 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Artificial states 60 53,77 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Crityficial states 60 53,77 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Claylicial states 60 53,77 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Asphat 25 133,93 Roof Finish Mahn 332 Boof Finish Secondary M.2 House Metal 40 78,93 Roof Finish Mahn 333 Boof Finish Secondary M.2 House Metal 40 78,93 Roof Finish Mahn 333 Boof Finish Secondary M.2 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
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Roof Finish Main 332 Roof Finish Secondary M2	Roof Finish Main	332			House	Concrete Tiles	55	52.75
Roof Finish Main 332 Boof Finish Secondary M2 House Cley tiles 60 59.18 Roof Finish Main 332 Boof Finish Secondary M2 House Fet 20 131-14 Roof Finish Main 332 Roof Finish Secondary M2 House Metal 40 78-57 Roof Finish Main 332 Roof Finish Secondary M2 House Metal 40 78-57 Roof Finish Main 332 Roof Finish Secondary M2 House Sedum 30 118-86 Roof Finish Main 333 Roof Finish Secondary M2 Communal None 0.00 Roof Finish Main 333 Roof Finish Secondary M2 Communal None 0.00 Roof Finish Main 333 Roof Finish Secondary M2 Communal Communal Sedum 55 52.75 Roof Finish Main 333 Roof Finish Secondary M2 Communal Accommunal Communal Accommunal Accommunal Accommunal Accommunal Accommunal Accommunal Accommunal Accommunal <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>96.61</td>								96.61
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Roof Finish Main 333 Roof Finish Secondary M2 Communal Sedum 30 118.80 Roof Finish Main 333 Roof Finish Secondary M2 Communal Waterproof Membrane 25 184.66 Roofs 334 Roof Structure Extension Ans House Structurally Sound 0.00 Roofs 334 Roof Structure Extension Ans House Structurally unsound 0.00 Roofs 335 Roof Type Extension Ans House Duo Pitched 0.00 Roofs 335 Roof Type Extension Ans House Duo Pitched with Hip end 0.00 Roofs 335 Roof Type Extension Ans House Flat 0.00 Roofs 335 Roof Type Extension Ans House House Mono Pitched 0.00 Roofs 335 Roof Type Extension Ans Communal Duo Pitched with Hip end 0.00 Roofs 336 Roof Type Extension Ans Communal Duo Pitched with Hip end 0.00 Roofs 336 Roof Type Extension Ans Communal Duo Pitched with Hip end	Roof Finish Main							
Roof Finish Main 333 Roof Finish Secondary M2 Communal Waterproof Membrane 25 184.68	Roof Finish Main		,					78.97
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Roofs 337 Fascia Soffits & Barge - Extension LM Communal Timber 40 41.93 Roofs 337 Fascia Soffits & Barge - Extension LM Communal Asbestos 35 41.93 Roofs 338 Fascia Soffits & Barge - Extension LM House None 0.00 Roofs 338 Fascia Soffits & Barge - Extension LM House PVCu 30 41.93 Roofs 338 Fascia Soffits & Barge - Extension LM House Timber 30 41.93 Roofs 338 Fascia Soffits & Barge - Extension LM House Asbestos 35 41.93 Roofs 339 External Wall Structure (Extension) M2 Communal None 0.00 Wall Structure 339 External Wall Structure (Extension) M2 Communal Cavity Brickwork 100 224.42 Wall Structure 339 External Wall Structure (Extension) M2 Communal Solid Brick 80 318.60 Wall Structure 339 External Wall Structure (Extension) M2 Communal Non tr				_				0.00
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Wall Structure 339 External Wall Structure (Extension) M2 Communal Cavity Brickwork 100 224.42 Wall Structure 339 External Wall Structure (Extension) M2 Communal Solid Brick 80 318.60 Wall Structure 339 External Wall Structure (Extension) M2 Communal Non traditional system build 80 0.00 Wall Structure 339 External Wall Structure (Extension) M2 Communal Solid Stone 100 318.60	Roofs						35	
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Wall Structure 339 External Wall Structure (Extension) M2 Communal Non traditional system build 80 0.00 Wall Structure 339 External Wall Structure (Extension) M2 Communal Solid Stone 100 318.60								
Wall Structure 339 External Wall Structure (Extension) M2 Communal Solid Stone 100 318.60								
	Wall Structure							318.60
	Wall Structure							

Group_Reporting Wall Structure	Question_Ref	Question_Heading External Wall Structure (Extension)	Unit M2	Category House	Answer None	Typical Life Cycle	Unit Cost 0.00
Wall Structure		External Wall Structure (Extension)	M2	House	Cavity Brickwork	100	224.42
Wall Structure		External Wall Structure (Extension)	M2	House	Solid Brick	80	318.60
Wall Structure	340	External Wall Structure (Extension)	M2	House	Non traditional system build	60	27.55
Wall Structure		External Wall Structure (Extension)	M2	House	Solid Stone	100	318.60
Wall Structure	340	External Wall Structure (Extension)	M2	House	Timber Frame	80	224.42
External Wall Finish	341	Thermal insulation (Extension)	Ans	Communal	Cavity wall insulation present		0.00
External Wall Finish	341	Thermal insulation (Extension)	Ans	Communal	Cavity wall insulation not present		0.00
External Wall Finish	341	,	Ans	Communal	Solid wall insulated		0.00
External Wall Finish	341	Thermal insulation (Extension)	Ans	Communal	Solid wall not insulated		0.00
External Wall Finish		Thermal insulation (Extension)	Ans	Communal	Cavity wall insulated render	50	65.53
External Wall Finish	341	Thermal insulation (Extension)	Ans	Communal	Cavity wall not insulated render		0.00
External Wall Finish	342	Wall Finish Extension	M2	Communal	Repointing	60	45.09
External Wall Finish	342	Wall Finish Extension Wall Finish Extension	M2 M2	Communal	PVC-u Clad Render / painted render	25 60	146.08 53.30
External Wall Finish External Wall Finish	342	Wall Finish Extension	M2	Communal Communal	Tyrolean/pebbledash	60	29.70
External Wall Finish	342	Wall Finish Extension	M2	Communal	Tile hanging	45	84.48
External Wall Finish	342	Wall Finish Extension	M2	Communal	Timber cladding	35	185.94
External Wall Finish		Wall Finish Extension	M2	Communal	Thermal Insulation Panel render system	35	729.00
External Wall Finish	342	Wall Finish Extension	M2	Communal	Curtain walling	40	2,096.28
External Wall Finish	343	Wall Finish Extension	M2	House	Repointing	60	45.09
External Wall Finish	343	Wall Finish Extension	M2	House	PVC-u Clad	25	146.08
External Wall Finish	343	Wall Finish Extension	M2	House	Render / painted render	50	53.30
External Wall Finish	343	Wall Finish Extension	M2	House	Tyrolean/pebbledash	60	773.20
External Wall Finish	343	Wall Finish Extension	M2	House	Tile hanging	45	84.48
External Wall Finish	343	Wall Finish Extension	M2	House	Timber cladding	35	185.94
External Wall Finish	343	Wall Finish Extension	M2	House	Thermal Insulation Panel render system	35	729.00
External Wall Finish	343	Wall Finish Extension	M2	House	Curtain walling	60	2,096.28
External Wall Finish	344 344	Thermal insulation - Extension	Ans	House	Cavity wall insulation present		0.00
External Wall Finish External Wall Finish	344	Thermal insulation - Extension Thermal insulation - Extension	Ans Ans	House House	Solid wall insulated Solid wall not insulated		0.00
External Wall Finish	344	Thermal insulation - Extension Thermal insulation - Extension	Ans	House	Cavity wall insulated render	50	65.53
External Wall Finish	344	Thermal insulation - Extension	Ans	House	Cavity wall not insulated render	30	0.00
External Doors	347	Com Ent Door 1	Num	Communal	None		0.00
External Doors	347	Com Ent Door 1	Num	Communal	PVC-u Double Glazed	30	1,647.82
External Doors	347	Com Ent Door 1	Num	Communal	PVC-u Single Glazed	30	1,647.82
External Doors	347	Com Ent Door 1	Num	Communal	PVC-u Unglazed	30	1,647.82
External Doors	347	Com Ent Door 1	Num	Communal	Softwood Double Glazed	30	773.20
External Doors	347	Com Ent Door 1	Num	Communal	Softwood Single Glazed	30	804.62
External Doors	347	Com Ent Door 1	Num	Communal	Softwood Unglazed	20	773.20
External Doors	347	Com Ent Door 1	Num	Communal	Hardwood Double Glazed	30	899.17
External Doors	347	Com Ent Door 1	Num	Communal	Hardwood Single Glazed	30	869.17
External Doors	347	Com Ent Door 1	Num	Communal	Hardwood Unglazed	30	835.00
External Doors	347	Com Ent Door 1	Num	Communal	Composite Double Glazed	30	804.62
External Doors	347 347	Com Ent Door 1 Com Ent Door 1	Num	Communal	Composite Single Glazed Composite Unglazed	30 30	804.62 773.20
External Doors External Doors	347	Com Ent Door 1	Num Num	Communal	Aluminium Double Glazed	30	1,447.83
External Doors	347	Com Ent Door 1	Num	Communal Communal	Aluminium Single Glazed	30	1,447.82
External Doors	347	Com Ent Door 1	Num	Communal	Communal Doors Lining & Architraves	30	1,447.82
External Doors	348		M2	Communal	Not Applicable		0.00
External Doors	348	Com Ent Door 1 Integ Door & Frame	M2	Communal	Yes	30	108.00
External Doors	348	Com Ent Door 1 Integ Door & Frame	M2	Communal	No		0.00
External Doors	349	Com Ent Door 2	Num	Communal	None		0.00
External Doors	349	Com Ent Door 2	Num	Communal	PVC-u Double Glazed	30	1,647.82
External Doors		Com Ent Door 2	Num	Communal	PVC-u Single Glazed	30	1,647.82
External Doors	349		Num	Communal	PVC-u Unglazed	30	1,647.82
External Doors		Com Ent Door 2	Num	Communal	Softwood Double Glazed	30	773.20
External Doors		Com Ent Door 2	Num	Communal	Softwood Single Glazed	30	804.62
External Doors External Doors		Com Ent Door 2 Com Ent Door 2	Num Num	Communal Communal	Softwood Unglazed Hardwood Double Glazed	30 30	773.20 899.17
External Doors		Com Ent Door 2	Num	Communal	Hardwood Single Glazed	20	869.17
External Doors		Com Ent Door 2	Num	Communal	Hardwood Unglazed	30	835.00
External Doors		Com Ent Door 2	Num	Communal	Composite Double Glazed	30	804.62
External Doors		Com Ent Door 2	Num	Communal	Composite Single Glazed	30	804.62
External Doors		Com Ent Door 2	Num	Communal	Composite Unglazed	20	773.20
External Doors	349		Num	Communal	Aluminium Double Glazed	20	1,447.83
External Doors		Com Ent Door 2	Num	Communal	Aluminium Single Glazed	20	1,447.82
External Doors	349		Num	Communal	Communal Doors Lining & Architraves	20	1,447.82
External Doors		Com Ent Door 2 Integ Door & Frame	Ans	Communal	Not Applicable		0.00
External Doors		Com Ent Door 2 Integ Door & Frame	Ans	Communal	No Vac		0.00
External Doors		Com Ent Door 2 Integ Door & Frame	Ans	Communal	Yes BVC: Pouble Clared	30	108.00
External Doors	351	Entrance Doors Front	Num	House	PVCu Double Glazed	30	1,398.60
External Doors External Doors	351 351	Entrance Doors Front Entrance Doors Front	Num Num	House House	PVCu Single Glazed PVCu Unglazed	30 30	1,398.60 1,398.60
External Doors		Entrance Doors Front Entrance Doors Front	Num	House	Softwood Double Glazed	30	810.00
External Doors		Entrance Doors Front	Num	House	Softwood Single Glazed	30	810.00
External Doors	351	Entrance Doors Front	Num	House	Softwood Unglazed	30	810.00
External Doors	351	Entrance Doors Front	Num	House	Hardwood Double Glazed	40	669.18
External Doors		Entrance Doors Front	Num	House	Hardwood Single Glazed	40	669.18
External Doors		Entrance Doors Front	Num	House	Hardwood Unglazed	40	669.18
External Doors	351	Entrance Doors Front	Num	House	Composite Double Glazed	30	804.62
External Doors	351	Entrance Doors Front	Num	House	Composite Single Glazed	30	804.62
External Doors	351	Entrance Doors Front	Num	House	Composite Unglazed	30	773.20
External Doors	351		Num	House	Aluminium Double Glazed	30	1,447.83
External Doors	351	Entrance Doors Front	Num	House	Aluminium Single Glazed	30	1,447.83
External Doors	351	Entrance Doors Front	Num	House	Other Double Glazed	30	1,447.83
External Doors	351		Num	House	Other Linglaged	30	1,397.52
External Doors		Entrance Doors Front Entrance Doors Front	Num Num	House Dwelling Internal DH	Other Unglazed PVCu Double Glazed	30 30	1,397.52 1,398.60
External Doors External Doors		Entrance Doors Front Entrance Doors Front	Num	Dwelling Internal DH	PVCu Double Glazed PVCu Single Glazed	30	1,398.60
External Doors	352	Entrance Doors Front Entrance Doors Front	Num	Dwelling Internal DH	PVCu Unglazed	30	1,398.60
External Doors		Entrance Doors Front Entrance Doors Front	Num	Dwelling Internal DH	Softwood Double Glazed	30	810.00
External Doors		Entrance Doors Front	Num	Dwelling Internal DH	Softwood Single Glazed	30	810.00
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Softwood Unglazed	30	810.00
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Hardwood Double Glazed	40	669.18
External Doors		Entrance Doors Front	Num	Dwelling Internal DH	Hardwood Single Glazed	40	669.18
External Doors		Entrance Doors Front	Num	Dwelling Internal DH	Hardwood Unglazed	40	669.18

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Group_Reporting External Doors	Question_Ref	Question_Heading Entrance Doors Front	Unit Num	Category	Answer Composite Double Glazed	Typical Life Cycle	Unit Cost 804.62
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH Dwelling Internal DH	Composite Single Glazed	30 30	
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Composite Unglazed	30	
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Aluminium Double Glazed	30	1,447.83
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Aluminium Single Glazed	30	1,447.83
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Other Double Glazed	30	1,447.83
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Other Single Glazed	30	1,397.52
External Doors	352	Entrance Doors Front	Num	Dwelling Internal DH	Other Unglazed	30	1,397.52
External Doors	353		Num	Communal	PVCu Double Glazed	30	
External Doors	353		Num	Communal	PVCu Single Glazed	30	1,398.60
External Doors		External Doors	Num	Communal	PVCu Unglazed	30	
External Doors	353	External Doors	Num	Communal	Softwood Double Glazed	30	810.00
External Doors	353 353		Num Num	Communal	Softwood Single Glazed	30 30	810.00 810.00
External Doors External Doors	353	External Doors External Doors	Num	Communal Communal	Softwood Unglazed Hardwood Double Glazed	40	669.18
External Doors	353	External Doors	Num	Communal	Hardwood Single Glazed	40	669.18
External Doors	353	External Doors	Num	Communal	Hardwood Unglazed	40	669.18
External Doors	353	External Doors	Num	Communal	Composite Double Glazed	30	804.62
External Doors	353	External Doors	Num	Communal	Composite Single Glazed	30	804.62
External Doors	353	External Doors	Num	Communal	Composite Unglazed	30	773.20
External Doors	353	External Doors	Num	Communal	Aluminium Double Glazed	30	804.62
External Doors	353	External Doors	Num	Communal	Aluminium Single Glazed	30	1,447.83
External Doors	353	External Doors	Num	Communal	Other Double Glazed	30	
External Doors	353	External Doors	Num	Communal	Other Single Glazed	30	1,447.83
External Doors	353		Num	Communal	Other Unglazed	30	
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	None		0.00
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	PVCu Single Clazed	30	
External Doors External Doors	355 355	Entrance Doors Rear or Balcony Entrance Doors Rear or Balcony	Num Num	Dwelling Internal DH Dwelling Internal DH	PVCu Single Glazed PVCu Unglazed	30 30	
External Doors	355	Entrance Doors Rear or Balcony Entrance Doors Rear or Balcony	Num	Dwelling Internal DH Dwelling Internal DH	Softwood Double Glazed	30	810.00
External Doors	355	Entrance Doors Rear or Balcony Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Softwood Single Glazed	30	810.00
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Softwood Unglazed	30	918.00
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Hardwood Double Glazed	30	669.18
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Hardwood Single Glazed	30	669.18
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Hardwood Unglazed	50	669.18
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Composite Double Glazed	30	804.62
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Composite Single Glazed	30	804.62
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Composite Unglazed	30	773.20
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Aluminium Double Glazed	30	804.62
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Aluminium Single Glazed	30	
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Other Double Glazed	30	1,447.83
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Other Single Glazed	30	1,447.83
External Doors	355	Entrance Doors Rear or Balcony	Num	Dwelling Internal DH	Other Unglazed	30	1,397.52
External Doors	356 356	Entrance Doors Rear Entrance Doors Rear	Num Num	House House	None PVCu Double Glazed	30	0.00 1,398.60
External Doors External Doors		Entrance Doors Rear	Num	House	PVCu Single Glazed	30	
External Doors	356	Entrance Doors Rear	Num	House	PVCu Unglazed	30	1,398.60
External Doors	356		Num	House	Softwood Double Glazed	30	810.00
External Doors		Entrance Doors Rear	Num	House	Softwood Single Glazed	30	810.00
External Doors		Entrance Doors Rear	Num	House	Softwood Unglazed	30	810.00
External Doors	356	Entrance Doors Rear	Num	House	Hardwood Double Glazed	40	669.18
External Doors	356	Entrance Doors Rear	Num	House	Hardwood Single Glazed	40	669.18
External Doors	356		Num	House	Hardwood Unglazed	40	669.18
External Doors	356		Num	House	Composite Double Glazed	30	804.62
External Doors	356		Num	House	Composite Single Glazed	30	804.62
External Doors	356	Entrance Doors Rear	Num	House	Composite Unglazed	30	773.20
External Doors		Entrance Doors Rear Entrance Doors Rear	Num	House	Aluminium Double Glazed	30	804.62
External Doors			Num	House	Aluminium Single Glazed	30	
External Doors External Doors		Entrance Doors Rear Entrance Doors Rear	Num Num	House House	Other Double Glazed Other Single Glazed	30 30	
External Doors		Entrance Doors Rear	Num	House	Other Unglazed	30	
Electrical Installations		External security light	Ans	House	None		0.00
Electrical Installations		External security light	Ans	House	Light at front entrance		0.00
Electrical Installations		External security light	Ans	House	Light at rear entrance		0.00
Electrical Installations	357	External security light	Ans	House	Lights at front & rear		0.00
Electrical Installations	357	External security light	Ans	House	Not Possible		0.00
Electrical Installations		External security light	Num	Communal	None		0.00
Electrical Installations		External security light	Num	Communal	Light at front entrance	20	
Electrical Installations		External security light	Num	Communal	Light at rear entrance	20	
Electrical Installations External Doors		External security light	Num	Communal	Lights at front & rear	20	
External Doors External Doors		Patio Doors Patio Doors	Num Num	House	None PVC-u Single Glazed	30	368.00
External Doors		Patio Doors Patio Doors	Num	House House	PVC-u Single Glazed PVC-u Double Glazed	30	
External Doors		Patio Doors	Num	House	Composite Single Glazed	30	
External Doors		Patio Doors	Num	House	Composite Double Glazed	30	
External Doors		Patio Doors	Num	House	Other Single Glazed	30	30.24
External Doors		Patio Doors	Num	House	Other Double Glazed	30	
Hard Surfaces		Steps	Num	House	None		0.00
Hard Surfaces	360	Steps	Num	House	Concrete Steps	70	0.00
Hard Surfaces	360	Steps	Num	House	Metal Steps	50	
Hard Surfaces		Steps	Num	House	Timber Steps	25	
Hard Surfaces		Steps	Num	House	Stone Steps	80	
Hard Surfaces		Steps	Num	House	PC Concrete step	70	
Hard Surfaces		Steps	M2	Communal	None		0.00
Hard Surfaces		Steps	M2	Communal	Concrete Steps	70	
Hard Surfaces	361		M2	Communal	Metal Steps	50	
Hard Surfaces	361 361	Steps Steps	M2 M2	Communal	Timber Steps	25 80	
Hard Surfaces Hard Surfaces		Steps	M2	Communal Communal	Stone Steps PC Concrete step	70	
Stairs & Balconies		External Stairs	Flights	Communal	None	/0	0.00
Stairs & Balconies	362	External Stairs External Stairs	Flights	Communal	Concrete Staircase - straight	100	299.78
Stairs & Balconies		External Stairs	Flights	Communal	Steel Staircase - straight	50	299.78
Stairs & Balconies		External Stairs	Flights	Communal	Timber Staircase - Straight	100	299.78
Stairs & Balconies		External Stairs	Flights	Communal	Steel Staircase - spiral	50	299.78
Stairs & Balconies	362	External Stairs	Flights	Communal	Timber Staircase - spiral	100	299.78
Stairs & Balconies		External handrail	LM	Communal	None		0.00
Stairs & Balconies		External handrail	LM	Communal	Handrails & balustrade - timber	30	

Group_Reporting Stairs & Balconies	Question_Ref	Question_Heading External handrail	Unit	Category Communal	Answer Handrails & balustrade - Metal	Typical Life Cycle 50	Unit Cost 351.00
Stairs & Balconies		External handrail	LM	Communal	Handrail only timber	30	37.80
Stairs & Balconies		External handrail	LM	Communal	Handrail only Metal	50	37.80
Boundaries	364	Boundary Front	LM	House	None		0.00
Boundaries	364		LM	House	Solid Brick < 1.0m high	50	84.16
Boundaries	364		LM	House	Solid Brick > 1.0m high	60	84.16
Boundaries	364	Boundary Front	LM	House	Repointing < 1.0m high	50	45.09
Boundaries	364	Boundary Front	LM	House	Repointing > 1.0m high	50	45.09
Boundaries		Boundary Front	LM	House	Re-render < 1.0m high	50	53.30
Boundaries		Boundary Front	LM	House	Re-render > 1.0m high	50	53.30
Boundaries		Boundary Front	LM	House	Stone wall < 1.0m high	100	312.00
Boundaries	364	Boundary Front	LM	House	Stone wall > 1.0m high	100	312.00
Boundaries		Boundary Front	LM	House	Timber Fencing <1.0m	20	44.80
Boundaries	364	Boundary Front Boundary Front	LM LM	House	Timber Fencing > 1.0m	20 20	44.80 64.37
Boundaries Boundaries	364	Boundary Front	LM	House House	Metal Fencing < 1.2m Metal Fencing > 1.2m	20	64.37
Boundaries	365	Boundary Front	M2	Communal	None	20	0.00
Boundaries	365	Boundary Front	M2	Communal	Solid Brick < 1.0m high	35	84.16
Boundaries	365	Boundary Front	M2	Communal	Solid Brick > 1.0m high	20	84.16
Boundaries	365	Boundary Front	M2	Communal	Repointing < 1.0m high	35	45.09
Boundaries	365	Boundary Front	M2	Communal	Repointing > 1.0m high	50	45.09
Boundaries	365	Boundary Front	M2	Communal	Re-render < 1.0m high	50	53.30
Boundaries	365	Boundary Front	M2	Communal	Re-render > 1.0m high	50	53.30
Boundaries	365	Boundary Front	M2	Communal	Stone wall < 1.0m high	50	312.00
Boundaries	365	Boundary Front	M2	Communal	Stone wall > 1.0m high	80	312.00
Boundaries	365	Boundary Front	M2	Communal	Timber Fencing <1.0m	20	44.80
Boundaries	365	Boundary Front	M2	Communal	Timber Fencing > 1.0m	20	44.80
Boundaries	365	Boundary Front	M2	Communal	Metal Fencing < 1.2m	50	64.37
Boundaries Hard Surfaces	365 366	Boundary Front	M2	Communal	Metal Fencing > 1.2m	20 40	64.37 59.40
Hard Surfaces Hard Surfaces		Paths 1 Paths 1	M2 M2	Communal Communal	Concrete Paving Slabs	40	37.80
Hard Surfaces Hard Surfaces	366		M2	Communal	Tarmac	30	37.80
Hard Surfaces	366	Paths 1	M2	Communal	Brick Paviour	40	46.42
Hard Surfaces	366		M2	Communal	Gravel	20	37.80
Hard Surfaces	366		M2	Communal	None	20	0.00
Hard Surfaces	367	Paths 1	M2	House	Concrete	40	59.40
Hard Surfaces	367	Paths 1	M2	House	Paving Slabs	40	37.80
Hard Surfaces	367	Paths 1	M2	House	Brick Paviour	60	46.42
Hard Surfaces	367	Paths 1	M2	House	Tarmac	30	37.80
Hard Surfaces	367	Paths 1	M2	House	Gravel	20	37.80
Hard Surfaces	367	Paths 1	M2	House	None		0.00
Boundaries		Boundary Rear	LM	House	None		0.00
Boundaries	368	Boundary Rear	LM	House	Solid Brick < 1.0m high	60	229.50
Boundaries	368	Boundary Rear	LM	House	Solid Brick > 1.0m high	60	229.50
Boundaries	368	Boundary Rear	LM	House	Repointing < 1.0m high	50	45.09
Boundaries Boundaries	368 368	Boundary Rear Boundary Rear	LM LM	House House	Repointing > 1.0m high Re-render < 1.0m high	50 50	45.09 53.30
Boundaries		Boundary Rear	LM	House	Re-render > 1.0m high	50	53.30
Boundaries	368		LM	House	Stone wall < 1.0m high	80	312.00
Boundaries		Boundary Rear	LM	House	Stone wall > 1.0m high	80	312.00
Boundaries	368	Boundary Rear	LM	House	Timber Fencing <1.0m	20	44.80
Boundaries	368	Boundary Rear	LM	House	Timber Fencing > 1.0m	20	44.80
Boundaries	368	Boundary Rear	LM	House	Metal Fencing < 1.2m	20	64.37
Boundaries	368	Boundary Rear	LM	House	Metal Fencing > 1.2m	20	64.37
Boundaries	369		M2	Communal	None		0.00
Boundaries	369	Boundary Rear	M2	Communal	Solid Brick < 1.0m high	60	229.50
Boundaries	369		M2	Communal	Solid Brick > 1.0m high	60	229.50
Boundaries		Boundary Rear	M2	Communal	Repointing < 1.0m high	50	45.09
Boundaries		Boundary Rear	M2	Communal	Repointing > 1.0m high	50	
Boundaries		Boundary Rear Boundary Rear	M2 M2	Communal	Re-render < 1.0m high Re-render > 1.0m high	50 50	53.30 108.00
Boundaries Boundaries		Boundary Rear	M2	Communal Communal	Stone wall < 1.0m high	80	312.00
Boundaries		Boundary Rear	M2	Communal	Stone wall > 1.0m high	80	312.00
Boundaries		Boundary Rear	M2	Communal	Timber Fencing <1.0m	20	44.80
Boundaries		Boundary Rear	M2	Communal	Timber Fencing > 1.0m	20	44.80
Boundaries		Boundary Rear	M2	Communal	Metal Fencing < 1.2m	20	64.37
Boundaries		Boundary Rear	M2	Communal	Metal Fencing > 1.2m	50	64.37
Hard Surfaces		Paths 2	M2	Communal	None		0.00
Hard Surfaces		Paths 2	M2	Communal	Brick Paviour	40	46.42
Hard Surfaces		Paths 2	M2	Communal	Concrete	40	59.40
Hard Surfaces		Paths 2	M2	Communal	Gravel	20	37.80
Hard Surfaces		Paths 2	M2	Communal	Paving Slabs	40	37.80
Hard Surfaces		Paths 2	M2	Communal	Tarmac	30	37.80
Hard Surfaces Hard Surfaces		Paths 2 Paths 2	M2 M2	House House	None Brick Paviour	60	0.00 46.42
Hard Surfaces Hard Surfaces		Paths 2	M2	House	Concrete	40	59.40
Hard Surfaces		Paths 2	M2	House	Gravel	20	
Hard Surfaces		Paths 2	M2	House	Paving Slabs	40	37.80
Hard Surfaces		Paths 2	M2	House	Tarmac	30	
Boundaries		Boundary Side	LM	House	None	30	0.00
Boundaries		Boundary Side	LM	House	Solid Brick < 1.0m high	50	229.50
Boundaries	372	Boundary Side	LM	House	Solid Brick > 1.0m high	50	229.50
Boundaries	372	Boundary Side	LM	House	Repointing < 1.0m high	50	45.09
Boundaries		Boundary Side	LM	House	Repointing > 1.0m high	50	45.09
Boundaries		Boundary Side	LM	House	Re-render < 1.0m high	35	53.30
Boundaries		Boundary Side	LM	House	Re-render > 1.0m high	35	53.30
Boundaries		Boundary Side	LM	House	Stone wall < 1.0m high	50	312.00
Boundaries		Boundary Side	LM	House	Stone wall > 1.0m high	50	312.00
Boundaries		Boundary Side	LM	House	Timber Fencing <1.0m	20	44.80
Boundaries		Boundary Side	LM	House	Timber Fencing > 1.0m	20	44.80
Boundaries	372	Boundary Side	LM	House	Metal Fencing < 1.2m	20	64.37
Boundaries Boundaries		Boundary Side	LM M2	House	Metal Fencing > 1.2m	20	64.37
Boundaries		Boundary Side Boundary Side	M2 M2	Communal	None Solid Brick < 1.0m high	35	0.00 229.50
Boundaries Boundaries		Boundary Side	M2	Communal Communal	Solid Brick < 1.0m high	35 35	229.50
Boundaries		Boundary Side	M2	Communal	Repointing < 1.0m high	50	45.09
Boundaries		Boundary Side	M2	Communal	Repointing < 1.0m high	50	45.09
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Group_Reporting Boundaries	Question_Ref	Question_Heading Boundary Side	Unit M2	Category Communal	Answer Re-render < 1.0m high	Typical Life Cycle 50	Unit Cost 53.30
Boundaries		Boundary Side	M2	Communal	Re-render > 1.0m high	50	53.30
Boundaries		Boundary Side	M2	Communal	Stone wall < 1.0m high	80	312.00
Boundaries	373	Boundary Side	M2	Communal	Stone wall > 1.0m high	80	312.00
Boundaries	373	Boundary Side	M2	Communal	Timber Fencing <1.0m	20	44.80
Boundaries	373	Boundary Side	M2	Communal	Timber Fencing > 1.0m	20	44.80
Boundaries		Boundary Side	M2	Communal	Metal Fencing < 1.2m	20	64.37
Boundaries	373	Boundary Side	M2	Communal	Metal Fencing > 1.2m	20	64.37
Boundaries		Boundary Side 2	LM	House	None		0.00
Boundaries		Boundary Side 2	LM	House	Solid Brick < 1.0m high	50	229.50
Boundaries	374	Boundary Side 2 Boundary Side 2	LM LM	House	Solid Brick > 1.0m high	50 50	229.50 45.09
Boundaries Boundaries		Boundary Side 2 Boundary Side 2	LM	House House	Repointing < 1.0m high Repointing > 1.0m high	50	45.09
Boundaries	374	Boundary Side 2	LM	House	Re-render < 1.0m high	35	53.30
Boundaries		Boundary Side 2	LM	House	Re-render > 1.0m high	35	53.30
Boundaries	374	Boundary Side 2	LM	House	Stone wall < 1.0m high	50	312.00
Boundaries	374	Boundary Side 2	LM	House	Stone wall > 1.0m high	50	312.00
Boundaries	374	Boundary Side 2	LM	House	Timber Fencing <1.0m	20	44.80
Boundaries	374	Boundary Side 2	LM	House	Timber Fencing > 1.0m	20	44.80
Boundaries	374	Boundary Side 2	LM	House	Metal Fencing < 1.2m	20	64.37
Boundaries	374	Boundary Side 2	LM	House	Metal Fencing > 1.2m	20	64.37
Boundaries	375		M2	Communal	None		0.00
Boundaries		Boundary Side 2	M2	Communal	Solid Brick < 1.0m high	35	229.50
Boundaries		Boundary Side 2	M2	Communal	Solid Brick > 1.0m high	35	229.50
Boundaries	375	Boundary Side 2	M2	Communal	Repointing < 1.0m high	50	45.09
Boundaries	375	Boundary Side 2	M2	Communal	Repointing > 1.0m high	50	45.09
Boundaries Boundaries	375 375	Boundary Side 2 Boundary Side 2	M2 M2	Communal Communal	Re-render < 1.0m high Re-render > 1.0m high	50 50	53.30 53.30
Boundaries	375	Boundary Side 2	M2	Communal	Stone wall < 1.0m high	80	312.00
Boundaries	375	Boundary Side 2	M2	Communal	Stone wall > 1.0m high	80	312.00
Boundaries		Boundary Side 2	M2	Communal	Timber Fencing <1.0m	20	44.80
Boundaries		Boundary Side 2	M2	Communal	Timber Fencing > 1.0m	20	44.80
Boundaries	375	Boundary Side 2	M2	Communal	Metal Fencing < 1.2m	20	64.37
Boundaries	375	Boundary Side 2	M2	Communal	Metal Fencing > 1.2m	20	64.37
Boundaries		Retaining wall	LM	House	Retaining wall < 1.5m	60	1,296.00
Boundaries	376	Retaining wall	LM	House	Retaining wall > 1.5m	60	1,512.00
Boundaries		Retaining wall	LM	House	No retaining wall		0.00
Boundaries	377	Retaining wall	M2	Communal	Retaining wall < 1.5m	50	210.60
Boundaries	377	Retaining wall	M2	Communal	Retaining wall > 1.5m	50	172.80
Boundaries	377	Retaining wall	M2	Communal	No retaining wall		0.00
Boundaries	378	Gates	Num	Communal	None	20	0.00
Boundaries	378 378	Gates Gates	Num Num	Communal	Metal single Timber single	20 20	75.60 85.00
Boundaries Boundaries	378	Gates	Num	Communal Communal	Metal double	20	175.60
Boundaries	378	Gates	Num	Communal	Timber double	20	124.00
Boundaries	378	Gates	Num	Communal	Security Metal	20	1,300.00
Boundaries	378	Gates	Num	Communal	Metal Gallows	20	2,500.00
Boundaries	379	Gates	Num	House	None		0.00
Boundaries	379	Gates	Num	House	Metal single	30	75.60
Boundaries	379	Gates	Num	House	Timber single	30	85.00
Boundaries	379	Gates	Num	House	Metal double	30	175.60
Boundaries	379	Gates	Num	House	Timber double	30	124.00
Hard Surfaces	380	Driveway	M2	House	None		0.00
Hard Surfaces	380	Driveway	M2	House	Brick Paviour	60	68.31
Hard Surfaces	380	Driveway	M2	House	Concrete	40	84.65
Hard Surfaces	380	Driveway	M2	House	Gravel	20	59.40
Hard Surfaces Hard Surfaces	380	Driveway Driveway	M2 M2	House House	Paving Slabs Tarmac	40 30	55.90 54.37
Hard Surfaces		Driveways	M2	Communal	None	30	0.00
Hard Surfaces		Driveways	M2	Communal	Brick Paviour	30	68.31
Hard Surfaces		Driveways	M2	Communal	Concrete	60	84.65
Hard Surfaces		Driveways	M2	Communal	Gravel	20	59.40
Hard Surfaces		Driveways	M2	Communal	Paving Slabs	40	55.90
Hard Surfaces	381	Driveways	M2	Communal	Tarmac	30	54.37
Hard Surfaces	382	Roads 1	M2	Communal	None		0.00
Hard Surfaces	382	Roads 1	M2	Communal	Brick & Block Paving	30	68.31
Hard Surfaces		Roads 1	M2	Communal	Concrete	60	84.65
Hard Surfaces	382	Roads 1	M2	Communal	Gravel	20	59.40
Hard Surfaces		Roads 1	M2	Communal	Tarmac Davisa Slaha	30	54.37
Hard Surfaces	382	Roads 1	M2	Communal	Paving Slabs	30	55.90
Hard Surfaces Hard Surfaces		Parking & External Environment Parking & External Environment	Ans Ans	House House	None In Curtlidge		0.00
Drainage - Above Ground		External Soil Vent Pipe	LM	Communal	None		0.00
Drainage - Above Ground	384	External Soil Vent Pipe	LM	Communal	Cast Iron	60	85.41
Drainage - Above Ground	384	External Soil Vent Pipe	LM	Communal	PVCu	50	43.00
Drainage - Above Ground		External Soil Vent Pipe	LM	House	None	30	0.00
Drainage - Above Ground		External Soil Vent Pipe	LM	House	Cast Iron	60	85.41
Drainage - Above Ground	385	External Soil Vent Pipe	LM	House	PVCu	50	43.00
Drainage - Above Ground	385	External Soil Vent Pipe	LM	House	Asbestos	50	77.47
Drainage - Above Ground		External Soil Vent Pipe	LM	House	Other	100	77.47
Garages		Garage roof construction	M2	House	None		0.00
Garages		Garage roof construction	M2	House	Flat	85	89.70
Garages		Garage roof construction	M2	House	lean to		0.00
Garages		Garage roof construction	M2	House	Pitched		0.00
Garages	391	Garage roof construction	M2	Communal	None		0.00
Garages	391	Garage roof construction	M2	Communal	Flat		0.00
Garages	391	Garage roof construction Garage roof construction	M2 M2	Communal	lean to Pitched		0.00
Garages	391 392	Garage roof finish	M2 M2	Communal House	None		0.00
Garages Garages		Garage roof finish	M2	House	Artificial Slates	40	52.74
Garages	392	Garage roof finish	M2	House	Clay Tiles	60	59.18
Garages	392	Garage roof finish	M2	House	Concrete Tiles	55	52.75
Garages	392		M2	House	Felt	20	44.49
Garages		Garage roof finish	M2	House	Metal	50	78.97
Garages	392	Garage roof finish	M2	House	Natural Slate	95	96.61
Garages		Garage roof finish	M2	House	AC sheet	40	81.93
Garages		Garage roof finish	M2	House	Corrugated Metal	50	78.97

Group_Reporting Garages	Question_Ref 392	Question_Heading Garage roof finish	Unit M2	Category House	Answer Corrugated Mineral Cement	Typical Life Cycle 35	Unit Cost 78.97
Garages	393	Garage roof finish	M2	Communal	None	33	0.00
Garages	393		M2	Communal	Artificial Slates	40	52.74
Garages	393	Garage roof finish	M2	Communal	Clay Tiles	60	59.18
Garages	393	0	M2	Communal	Concrete Tiles	55	52.75
Garages	393 393	0	M2	Communal	Felt	20 50	44.49
Garages Garages	393	Garage roof finish Garage roof finish	M2 M2	Communal Communal	Metal Natural Slate	95	78.97 96.61
Garages	393	Garage roof finish	M2	Communal	AC sheet	40	81.93
Garages	393	Garage roof finish	M2	Communal	Corrugated Metal	50	78.97
Garages	393	Garage roof finish	M2	Communal	Corrugated Mineral Cement	35	78.97
Garages	394	Garage construction	M2	Communal	None		0.00
Garages	394	Garage construction	M2	Communal	Brick	80	0.00
Garages Garages	394 394	Garage construction Garage construction	M2 M2	Communal Communal	system build concrete system build other	80 80	29.70 45.09
Garages	394	Garage construction	M2	Communal	Stonework	80	27.55
Garages	394	Garage construction	M2	Communal	Wood	50	27.55
Garages	395	Garage construction	M2	House	None		0.00
Garages	395	Garage construction	M2	House	Brick	60	124.80
Garages	395	Garage construction	M2	House	system build concrete	50	101.25
Garages Garages	395 395	Garage construction Garage construction	M2 M2	House House	system build other Stonework	45 100	318.60 0.00
Garages	395	Garage construction	M2	House	Wood	40	
Garages	396	Garage wall finish	M2	House	None	-	0.00
Garages	396	Garage wall finish	M2	House	PVC-u Clad	25	86.40
Garages	396	Garage wall finish	M2	House	Render - Chipped	50	65.53
Garages	396 396	Garage wall finish	M2	House	Render - Painted	45 45	
Garages Garages	396 396	Garage wall finish Garage wall finish	M2 M2	House House	Render - Plain Tile Hung	45 50	53.30 84.48
Garages	396	Garage wall finish	M2	House	Timber Clad	35	147.60
Garages	396		M2	House	AC sheet	30	81.93
Garages	396	0	M2	House	Pointed	60	
Garages	397	Garage wall finish	M2	Communal	None		0.00
Garages Garages	397 397	Garage wall finish Garage wall finish	M2 M2	Communal Communal	PVC-u Clad Render - Chipped	25 50	86.40 65.53
Garages	397	Garage wall finish	M2	Communal	Render - Painted	45	53.30
Garages	397	Garage wall finish	M2	Communal	Render - Plain	45	53.30
Garages	397	Garage wall finish	M2	Communal	Tile Hung	75	84.48
Garages	397	Garage wall finish	M2	Communal	Timber Clad	35	147.60
Garages	397	Garage wall finish	M2	Communal	AC sheet	75	81.93
Garages	397 398	Garage Wall finish	M2 LM	Communal Communal	Pointed None	75	43.78 0.00
Garages Garages	398	Garages Fascias, Soffits & Bardge Garages Fascias, Soffits & Bardge	LM	Communal	PVCu	30	0.00
Garages	398	Garages Fascias, Soffits & Bardge	LM	Communal	Timber	30	41.93
Garages	398	Garages Fascias, Soffits & Bardge	LM	Communal	Other	30	69.88
Garages	399	Garages Fascias, Soffits & Bardge	LM	House	None		0.00
Garages	399	Garages Fascias, Soffits & Bardge	LM	House	PVCu	30	0.00
Garages	399 399	Garages Fascias, Soffits & Bardge Garages Fascias, Soffits & Bardge	LM LM	House House	Timber Other	30 30	41.93 69.88
Garages Garages	400		LM	House	None	30	0.00
Garages	400	Garage RWG	LM	House	PVCu	30	29.78
Garages	400	Garage RWG	LM	House	Cast Iron	60	49.68
Garages	400	Garage RWG	LM	House	Other	30	
Garages	401	Garage RWG	LM	Communal	None		0.00
Garages	401 401	Garage RWG Garage RWG	LM LM	Communal Communal	PVCu Cast Iron	30 30	29.78 49.68
Garages Garages	401	Garage RWG	LM	Communal	Other	30	49.68
Garages		Garage Doors	Num	House	None	30	0.00
Garages		Garage Doors	Num	House	Garage Door metal	40	1,880.00
Garages	402	ū	Num	House	Garage Door Timber	30	
Garages	403	ū	Num	Communal	None		0.00
Garages	403	Garage Doors Garage Doors	Num Num	Communal Communal	Garage Door metal Garage Door Timber	15 15	1,680.00 318.60
Garages Garages	404	Garage windows	Num	Communal	None	13	0.00
Garages	404	Garage windows Garage windows	Num	Communal	Metal Windows	30	132.84
Garages	404	Garage windows	Num	Communal	Timber Windows	30	132.84
Garages	405	Garage windows	Num	House	None		0.00
Garages	405	Garage windows	Num	House	Metal Windows	40	132.84
Garages	405 406	Garage windows Garage Pedestrian Doors	Num Num	House House	Timber Windows None	30	132.84
Garages Garages	406	Garage Pedestrian Doors Garage Pedestrian Doors	Num	House	Garage Door timber	30	420.00
Garages	406	Garage Pedestrian Doors	Num	House	Garage Door metal	35	475.00
Garages	407	Garage Pedestrian Doors	Num	Communal	None		0.00
Garages	407	Garage Pedestrian Doors	Num	Communal	Garage Door timber	30	420.00
Garages	407	Garage Pedestrian Doors	Num	Communal	Garage Door metal	35	
Garages	408 408	Garage Floor/ Hard Standing Garage Floor/ Hard Standing	M2 M2	House House	Concrete Paving	60 40	78.97 80.61
Garages Garages	408	Garage Floor/ Hard Standing Garage Floor/ Hard Standing	M2	House	Not seen	40	0.00
Garages	409	Garage Floor/ Hard Standing Garage Floor/ Hard Standing	M2	Communal	Concrete	20	
Garages	409	Garage Floor/ Hard Standing	M2	Communal	Paving	20	59.18
Garages		Garage Floor/ Hard Standing	M2	Communal	Not seen		0.00
Garages	412	Car Port Roof Structure	M2	Communal	None		77.47
Garages	412		M2 M2	Communal	Metal	45 85	78.97
Garages Garages		Car Port Roof Structure Car Port Roof Structure	M2 M2	Communal House	Timber None	85	80.61 41.93
Garages	413		M2	House	Metal	45	
Garages	413	Car Port Roof Structure	M2	House	Timber	85	80.61
Garages		Car Port Roof Material	M2	Communal	None		0.00
	414	Car Port Roof Material	M2	Communal	Artificial Slates	40	52.74
Garages			M2	Communal	Clay Tiles	60	
Garages	414	Car Port Roof Material				-	
Garages Garages	414 414	Car Port Roof Material	M2	Communal	Concrete Tiles	55 20	52.75 44 49
Garages Garages Garages	414 414 414	Car Port Roof Material Car Port Roof Material				55 20 40	
Garages Garages	414 414 414 414	Car Port Roof Material	M2 M2	Communal Communal	Concrete Tiles Mineral Felt	20	44.49
Garages Garages Garages Garages	414 414 414 414 414 414	Car Port Roof Material	M2 M2 M2 M2 M2 M2	Communal Communal	Concrete Tiles Mineral Felt Metal Natural Slate AC sheet	20 40 95 40	44.49 78.97 96.61 81.93
Garages Garages Garages Garages Garages	414 414 414 414 414 414 414	Car Port Roof Material Car Port Roof Material Car Port Roof Material Car Port Roof Material	M2 M2 M2 M2	Communal Communal Communal	Concrete Tiles Mineral Felt Metal Natural Slate	20 40 95	44.49 78.97 96.61 81.93 78.97

Strategy						_		
Company	Group_Reporting	Question_Ref	Question_Heading	Unit	Category	Answer	Typical Life Cycle	Unit Cost
September 11 September 20 No.							40	0.00
Second 44 Car Pet Inter Medical 20 No.								
Serges				_				
Company				_				44.49
See Per				_				
Segret 44 O Price of Marten 92 905 Price Price of Marten 12 13 14 14 14 14 14 14 14				_				96.63
Garget				_				81.93
Serges		415	Car Port Roof Material	M2	House	Corrugated Metal	50	78.9
Serges	Garages	415	Car Port Roof Material	M2	House	Corrugated Mineral Cement	35	44.49
Service	Garages	416	Car port Roof	Ans	Communal	None		0.00
Serges	Garages			Ans				0.00
Strippe								0.00
Garget				_				
Secretary 448 or Per Per Secretary 50			·					
Section								
Serges							35	
Singen								
Serges							73	0.00
Serget							35	44.83
Serget								52.75
Sarger		420	Car Port Rainwater disposal	LM	Communal	None		0.00
Starger	Garages	420	Car Port Rainwater disposal	LM	Communal	PVCu	20	29.78
Sarget	Garages	420	Car Port Rainwater disposal	LM	Communal	Other	20	80.63
Sanger				_				0.00
Singlet								29.78
Sargers			-				20	86.18
Garges				_				0.00
Singles				_				
Sanger				_			65	0.00
Sergets				_			60	80.61
Scienter Buildings			<u> </u>					143.64
Sterner Buildings	_					i v	03	0.00
External Building							40	52.74
Sidermal Buildings	External Buildings	444	Store Roof finish main	M2	House	Clay Tiles	60	59.18
Sixternal Buildings	External Buildings	444	Store Roof finish main	M2	House	Concrete Tiles	55	52.75
Science Maching 444 Store Roof Insish main M2 House Natural State 95 95 65 65 65 65 65 65	External Buildings	444	Store Roof finish main	M2	House	Felt	20	44.49
Esternal Buildings 444 Store Roof fields main 3/2 Peaule Natural State 95 86 Kermar Buildings 444 Store Roof freids main 3/2 Communal Architects States 40 2.2 Kermar Buildings 445 Store Roof freids main 3/2 Communal Architects States 40 3.2 Kermar Buildings 445 Store Roof freids main 3/2 Communal Concrete Ties 5.3 3.2 Kermar Buildings 445 Store Roof freids main 3/2 Communal Concrete Ties 5.3 3.2 Keirma Buildings 445 Store Roof freids main 3/2 Communal Communal Contract 3.2 3.2 Keirma Buildings 445 Store Roof freids main 3/2 Communal Metal 5.0 7.8 Keizman Buildings 445 Store Roof Structure main 3/2 Communal None 9.7 9.6 Keizman Buildings 445 Store Roof Structure main 3/2 Communal None 9.0 1.2 Communal None 9.0 1.2 Communal None 9.0 1.2 Communal None 9.0 <td></td> <td></td> <td></td> <td></td> <td>House</td> <td></td> <td></td> <td>0.00</td>					House			0.00
Esternal Buildings 445 Store Roof frisch main N/2 Communal None Sternan Buildings 445 Store Roof frisch main N/2 Communal Communal 40 32 Sternan Buildings 445 Store Roof frisch main N/2 Communal Communal 60 39.3 Lasternal Buildings 445 Store Roof frisch main N/2 Communal Felt 29 4.4 Schernal Buildings 445 Store Roof frisch main N/2 Communal 60 39.3 2 444 50 Ten Roof frisch main N/2 Communal 60 39.3 2 444 50 Ten Roof Frisch main N/2 Communal 60 39.3 196 54 55 79.6								78.97
External Buildings	-						95	96.61
External Buildings								
External Buildings								
External Buildings								
Sixternal Buildings	-							
External Buildings								
Seternal Buildings								78.97
Seternal Buildings								
Seternal Buildings		446	Store Roof Structure main	M2	Communal			0.00
Seternal Buildings	External Buildings	446	Store Roof Structure main	M2	Communal	Flat		0.00
Seternal Buildings	External Buildings	446	Store Roof Structure main	M2	Communal	Lean-To		0.00
Saternal Buildings								0.00
External Buildings								0.00
External Buildrings								0.00
External Buildings								0.00
External Buildings				_				
External Buildings								
External Buildings								
External Buildings								
External Buildings								
External Buildings								
External Buildings								0.00
External Buildings							75	43.78
External Buildings 449 Store Wall Finish main M2 Communal Tile Hung 60 844. External Buildings 449 Store Wall Finish main M2 Communal Timber Clad 33 147. External Buildings 450 Store Wall Structure main M2 Communal None 0.0 External Buildings 450 Store Wall Structure main M2 Communal Concrete 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Concrete 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Solid Stone 100 318.6 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 318.6 External Buildings 451 Store Wall Structure main M2 House None 0.0 External Buildings 451 Store Wall Structure main M2 House Cavity brickwork 100 224.4 External Buildings 451 Store Wall Structure main M2 House		449	Store Wall Finish main	M2		Render - Chipped	50	65.53
External Buildings 449 Store Wall Finish main MZ Communal Timber Clad 35 147.6 External Buildings 450 Store Wall Structure main M2 Communal None 0.0 External Buildings 450 Store Wall Structure main M2 Communal Conrete 80 313.6 External Buildings 450 Store Wall Structure main M2 Communal Solid Brick 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Solid Stone 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.4 External Buildings 451 Store Wall Structure main M2 House None 0.0 0.0 External Buildings 451 Store Wall Structure main M2 House Correte 80 318.6 External Buildings 451 Store Wall Structure main M2 House Correte 80 318.6 External Buildings 451 Store Wall Structure main M2								
External Buildings								84.48
External Buildings 450 Store Wall Structure main M2 Communal Cavity brickwork 100 224.4 External Buildings 450 Store Wall Structure main M2 Communal Concrete 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Solid Brick 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.4 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.6 External Buildings 451 Store Wall Structure main M2 House Cavity brickwork 100 224.4 External Buildings 451 Store Wall Structure main M2 House Concrete 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store W							35	
External Buildings 450 Store Wall Structure main M2 Communal Concrete 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Solid Brick 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.4 External Buildings 451 Store Wall Structure main M2 House None 0 0.2 External Buildings 451 Store Wall Structure main M2 House Cavity brickwork 100 224.4 External Buildings 451 Store Wall Structure main M2 House Concrete 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 452 Store Wall Structure main	-						400	0.00
External Buildings 450 Store Wall Structure main M2 Communal Solid Brick 80 318.6 External Buildings 450 Store Wall Structure main M2 Communal Solid Stone 100 318.6 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.4 External Buildings 451 Store Wall Structure main M2 House None 0.0 External Buildings 451 Store Wall Structure main M2 House Cavity brickwork 100 224.4 External Buildings 451 Store Wall Structure main M2 House Concrete 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Stone 100 318.6 External Buildings 451 Store Wall Structure main M2 House Timber Frame 80 224.4 External Buildings 451 Store Wall Structure main M2 House Timber Frame 80 224.5 External Buildings <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
External Buildings 450 Store Wall Structure main M2 Communal Solid Stone 100 318.6 External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.4 External Buildings 451 Store Wall Structure main M2 House None 100 224.4 External Buildings 451 Store Wall Structure main M2 House Cavity brickwork 100 224.4 External Buildings 451 Store Wall Structure main M2 House Concrete 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Stone 100 318.6 External Buildings 451 Store Wall Structure main M2 House Timber Frame 80 224.4 External Buildings 452 Store Wall Structure main M2 House Timber Frame 80 224.4 External Buildings 452 Store Door Num Communal None 224.4 External Buildings								
External Buildings 450 Store Wall Structure main M2 Communal Timber Frame 80 224.4 External Buildings 451 Store Wall Structure main M2 House None 0.0. External Buildings 451 Store Wall Structure main M2 House Cavity brickwork 100 224.4 External Buildings 451 Store Wall Structure main M2 House Concrete 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Stone 100 318.6 External Buildings 451 Store Wall Structure main M2 House Solid Stone 100 318.6 External Buildings 451 Store Wall Structure main M2 House Timber Frame 80 224.4 External Buildings 452 Store Door Num Communal None 80.6 External Buildings 452 Store Door Num Communal Aluminium Double Glazed 92.4 External Buildings 452 Store Door Num Communal Aluminium Single Glazed 92.0 External Buildings 452 Store Door Num Communal Composite Double Glazed 92.0 External Buildings 452 Store Door Num Communal Composite Unglazed 92.0 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 92.0 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 92.0 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 92.0 External Buildings 9452 Store Door Num Communal Hardwood Double Glazed 92.0 External Buildings 9452 Store Door Num Communal Hardwood Unglazed 92.0 External Buildings 9452 Store Door Num Communal Hardwood Unglazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 Store Door Num Communal PVC-u Double Glazed 92.0 External Buildings 9452 St								318.60
External Buildings								
External Buildings								0.00
External Buildings							100	224.42
External Buildings 451 Store Wall Structure main M2 House Solid Brick 80 318.6 External Buildings 451 Store Wall Structure main M2 House Timber Frame 80 224.4 External Buildings 452 Store Door Num Communal None 0.0 0.0 0.0 224.4 0.0								318.60
External Buildings 451 Store Wall Structure main M2 House Timber Frame 80 224.4 External Buildings 452 Store Door Num Communal None 0.0 External Buildings 452 Store Door Num Communal Aluminium Double Glazed 25 357.2 External Buildings 452 Store Door Num Communal Aluminium Single Glazed 20 445.3 External Buildings 452 Store Door Num Communal Composite Double Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 295.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.								318.60
External Buildings 452 Store Door Num Communal Aluminium Double Glazed 25 357.2 External Buildings 452 Store Door Num Communal Aluminium Double Glazed 25 357.2 External Buildings 452 Store Door Num Communal Aluminium Single Glazed 20 445.7 External Buildings 452 Store Door Num Communal Composite Double Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Single Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6								
External Buildings 452 Store Door Num Communal Aluminium Double Glazed 25 357.2 External Buildings 452 Store Door Num Communal Aluminium Single Glazed 20 445.7 External Buildings 452 Store Door Num Communal Composite Double Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Single Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0.6							80	
External Buildings 452 Store Door Num Communal Composite Double Glazed 20 445.7 External Buildings 452 Store Door Num Communal Composite Double Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Single Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal				_				0.00
External Buildings 452 Store Door Num Communal Composite Double Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Single Glazed 20 295.6 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.6 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.6 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 398.6 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 557.2 External Buildings 452 Store Door Num Communal </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>357.21</td>								357.21
External Buildings 452 Store Door Num Communal Composite Single Glazed 20 295.0 External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.0 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Single Glazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.0 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Single Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Commu								
External Buildings 452 Store Door Num Communal Composite Unglazed 20 295.0 External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.0 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 0.0 External Buildings 452 Store Door Num Communal				_				
External Buildings 452 Store Door Num Communal Hardwood Double Glazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.0 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0. External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 0.0. External Buildings 452 Store Door Num Communal Softwood Single Glazed 20								
External Buildings 452 Store Door Num Communal Hardwood Single Glazed 20 398.0 External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.0 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Single Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5								
External Buildings 452 Store Door Num Communal Hardwood Unglazed 20 398.0 External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Single Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0. External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5								398.0
External Buildings 452 Store Door Num Communal PVC-u Double Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Single Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0. External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5								
External Buildings 452 Store Door Num Communal PVC-u Single Glazed 20 557.2 External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5								557.22
External Buildings 452 Store Door Num Communal PVC-u Unglazed 20 318.4 External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5				_				
External Buildings 452 Store Door Num Communal Softwood Double Glazed 20 0.0 External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5				_				318.4
External Buildings 452 Store Door Num Communal Softwood Single Glazed 20 48.5								0.00
								48.9

Group_Reporting External Buildings	Question_Ref	Question_Heading Store Windows	Unit Num	Category Communal	Answer None	Typical Life Cycle	Unit Cost 0.00
External Buildings		Store Windows Store Windows	Num	Communal	DG Metal framed	30	362.48
External Buildings		Store Windows	Num	Communal	DG PVCu	30	48.92
External Buildings	453		Num	Communal	DG Timber	30	53.30
External Buildings		Store Windows	Num	Communal	SG Timber	30	48.91
External Buildings	453	Store Windows	Num	Communal	SG Metal	30	0.00
External Buildings	453	Store Windows	Num	Communal	SG PVCu	30	69.88
External Buildings	454	Store Windows	Num	House	None		0.00
External Buildings	454	Store Windows	Num	House	DG Metal framed	30	362.48
External Buildings	454		Num	House	DG PVCu	30	41.93
External Buildings		Store Windows	Num	House	DG Timber	30	41.93
External Buildings	454	Store Windows	Num	House	SG Timber	30	41.93
External Buildings	454	Store Windows	Num	House	SG Metal	30	0.00
External Buildings	454 455	Store Windows	Num	House	SG PVCu	30	69.88
External Buildings External Buildings	455	Store Fascia Soffits & Barge Store Fascia Soffits & Barge	LM LM	Communal Communal	None Other	30	41.93
External Buildings	455	Store Fascia Soffits & Barge	LM	Communal	PVCu	30	41.93
External Buildings	455	Store Fascia Soffits & Barge	LM	Communal	Timber	45	41.93
External Buildings		Store Fascia Soffits & Barge	LM	House	None	.5	0.00
External Buildings	456	Store Fascia Soffits & Barge	LM	House	Other	30	41.93
External Buildings	456	Store Fascia Soffits & Barge	LM	House	PVCu	30	41.93
External Buildings	456	Store Fascia Soffits & Barge	LM	House	Timber	30	41.93
External Buildings	457	Store RWG	LM	Communal	None		0.00
External Buildings			LM	Communal	Aluminium	30	534.60
External Buildings	457		LM	Communal	Cast iron/metal	30	55.90
External Buildings	457	Store RWG	LM	Communal	Finlock	20	233.92
External Buildings	457		LM	Communal	Lead	30	0.00
External Buildings		Store RWG	LM	Communal	PVCu	30	1,080.00
External Buildings			LM	Communal	Other	30	1,080.00
External Buildings		Store RWG Store RWG	LM	House	None	35	0.00
External Buildings External Buildings		Store RWG Store RWG	LM	House House	Aluminium Cast iron/metal	35 30	52.74 55.90
External Buildings External Buildings		Store RWG Store RWG	LM	House House	Finlock	30 60	233.92
External Buildings		Store RWG	LM	House	Lead	30	1,512.00
External Buildings		Store RWG	LM	House	PVCu	20	116.10
External Buildings		Store RWG	LM	House	Other	30	45.90
External Buildings	459		Ans	Communal	Not Applicable		0.00
External Buildings	459	Cycle Store	Ans	Communal	No		0.00
External Buildings	459	Cycle Store	Ans	Communal	Yes		0.00
External Buildings		Store Door	Num	House	None		0.00
External Buildings	460		Num	House	Timber	30	139.75
External Buildings		Store Door	Num	House	Metal	30	139.75
External Buildings	460	Store Door	Num	House	PVCu	30	295.00
Refuse	461	Refuse Disposal	Num	House	None Seen	45	0.00
Refuse	461	Refuse Disposal	Num	House	Bin	15	1,296.00
Refuse	461	Refuse Disposal	Num	House	Bin in enclosure	15	307.26
Refuse Refuse	462 462	Refuse Disposal Refuse Disposal	Storeys Storeys	Communal Communal	None Chute	40	0.00 1,850.00
Refuse		Refuse Disposal	Storeys	Communal	External Enclosure Only	20	102.50
Electrical Installations	465		Num	Communal	Not Applicable	20	0.00
Electrical Installations	465	Security Cameras	Num	Communal	Present - Number of Cameras	15	1,600.00
Hard Surfaces	467	Roads	M2	Communal	Brick Paviour	60	68.31
Hard Surfaces	467	Roads	M2	Communal	Concrete	60	84.65
Hard Surfaces	467	Roads	M2	Communal	Gravel	30	59.40
Hard Surfaces	467	Roads	M2	Communal	Paving Slabs	40	55.90
Hard Surfaces	467	Roads	M2	Communal	Tarmac		54.37
Hard Surfaces				Camanan		30	3 1.57
Electrical Installations	467	Roads	M2	Communal	Not Applicable		0.00
	467 471	Aerials	Flats	Communal	Individual	20	0.00 350.00
Electrical Installations	467 471 471	Aerials Aerials	Flats Flats	Communal Communal	Individual Communal System		0.00 350.00 550.00
Electrical Installations	467 471 471 472	Aerials Aerials External & Street Lighting	Flats Flats Num	Communal Communal Communal	Individual Communal System None	20 20	0.00 350.00 550.00 0.00
Electrical Installations Electrical Installations	467 471 471 472 472	Aerials Aerials External & Street Lighting External & Street Lighting	Flats Flats Num Num	Communal Communal Communal	Individual Communal System None Column - Street Light	20 20 30	0.00 350.00 550.00 0.00 48.60
Electrical Installations Electrical Installations Electrical Installations	467 471 471 472 472 472	Aerials Aerials External & Street Lighting External & Street Lighting External & Street Lighting	Flats Flats Num Num Num	Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light	20 20 30 30	0.00 350.00 550.00 0.00 48.60 68.47
Electrical Installations Electrical Installations Electrical Installations Electrical Installations	467 471 471 472 472 472 472	Aerials Aerials External & Street Lighting	Flats Flats Num Num Num Num	Communal Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations	467 471 471 472 472 472 472 472	Aerials Aerials External & Street Lighting	Flats Flats Num Num Num Num Num	Communal Communal Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light	20 20 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74
Electrical Installations Electrical Installations Electrical Installations Electrical Installations	467 471 471 472 472 472 472 472	Aerials Aerials External & Street Lighting	Flats Flats Num Num Num Num	Communal Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure	467 471 471 472 472 472 472 472 472 478 478	Aerials Aerials External & Street Lighting Penetrating Walls damp	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Wall Structure	467 471 471 472 472 472 472 472 472 478 478	Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp	Flats Flats Num Num Num Num Num Ans Ans	Communal Communal Communal Communal Communal Communal Communal Domelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Wall Structure Wall Structure	467 471 471 472 472 472 472 472 478 478 478 480	Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp	Flats Flats Num Num Num Num Num Ans Ans Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure	467 471 471 472 472 472 472 472 472 478 480 480 480	Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods	Flats Flats Num Num Num Num Num Ans Ans Ans Ans Ans Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure	467 471 471 472 472 472 472 472 478 478 480 480 480 481 481	Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings	Flats Flats Num Num Num Num Num Ans Ans Ans Ans Ans Ans Ans Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No No Yes No No	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure	467 471 471 472 472 472 472 472 472 478 488 480 480 481 481 481	Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Penetrating Wdw or door openings	Flats Flats Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Yes No	20 20 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services	467 471 471 472 472 472 472 472 478 480 480 481 481 481 486 486	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Wdw or door openings Penetrating Wdw or door openings Water Booster Pumps	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light No Yes No Yes No Yes No Yes No Yes No Yes No	20 20 30 30 30 30 30	0.000 350.000 550.000 0.000 48.600 68.47 97.833 95.74 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000 0.000
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services	467 471 471 472 472 472 472 472 478 488 488 480 480 481 481 486 503 503	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes	20 20 30 30 30	0.00 350.00 550.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Suilding Services Building Services Signage	467 471 471 472 472 472 472 472 478 480 480 481 481 481 485 503 503	Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Walls door openings Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No No Yes No No	20 20 30 30 30 30 30 30	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Suilding Services Building Services Signage Signage	467 471 471 472 472 472 472 472 478 480 480 481 481 481 485 503 503	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Walls of oor openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes	20 20 30 30 30 30 30 30	0.00 350.00 550.00 48.60 68.47 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Structure Building Services Building Services Signage Signage Bathrooms	467 471 471 472 472 472 472 472 478 480 480 481 481 481 503 503 503 506 506	Aerials Aerials Aerials External & Street Lighting Penetrating & Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light No Yes No No Yes	20 20 30 30 30 30 30 30 30 30 30 20	0.00 350.00 550.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Structure Wall Structure Wall Structure Wall Structure Structure Wall Structure Structure Stignage Signage Signage Bathrooms Bathrooms	467 471 471 471 472 472 472 472 472 478 480 480 480 503 503 506 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Penetrating Wdw or door openings Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering Bathroom Floor Covering	Flats Flats Num Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Communal Communal Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes No	20 20 30 30 30 30 30 30 30 30 20 15	0.00 350.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Sulfaructure Wall Structure Wall Structure Sulfaructure	467 471 471 472 472 472 472 472 472 478 478 480 480 503 503 506 506 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roid damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering Bathrroom Floor Covering Bathrroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Communal Communal Communal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Wall Mounted - Street Light No Yes No O Yes Column Additional Street Column Yes No O Yes No O Yes O O O O O O O O O O O O O O O O O O O	20 20 30 30 30 30 30 30 30 20 15 15 60	0.00 350.00 550.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Structure Wall Structure Wall Structure Wall Structure Structure Wall Structure Structure Stignage Signage Signage Bathrooms Bathrooms	467 471 471 472 472 472 472 472 478 480 480 481 481 503 503 506 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering Bathroom Floor Covering Bathroom Floor Covering Bathroom Floor Covering	Flats Flats Num Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes No	20 20 30 30 30 30 30 30 30 50 51 51 56 60	0.00 350.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Structure Wall Structure Wall Structure Wall Structure Wall Structure Building Services Building Services Signage Signage Signage Signage Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms	467 471 471 471 472 472 472 472 472 478 480 480 480 503 506 506 508 508 508	Aerials Aerials Aerials Aerials External & Street Lighting Penetrating & Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Yes No Yes Von Column No Yes No Column No Yes No Column No Co	20 20 30 30 30 30 30 30 30 20 15 15 60	0.00 350.00 550.00 0.00 48.60 68.47 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Suilding Services Building Services Building Services Signage Signage Bathrooms Bathrooms Bathrooms Bathrooms	467 471 471 471 472 472 472 472 472 478 480 480 481 481 481 503 503 506 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering Bathroom Floor Covering Bathroom Floor Covering Bathroom Floor Covering	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes Vinyl Carpet Quarry Tile Laminate Timber Boarded	20 20 30 30 30 30 30 30 30 30 5 5 5 60 15 15	0.00 350.00 550.00 0.00 48.60 68.47 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms Bathrooms	467 471 471 471 472 472 472 472 472 472 478 480 480 481 481 503 503 506 506 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Walls od or openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes Nor	20 20 30 30 30 30 30 30 20 15 15 60 15 80	0.00 350.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Wall Structure Suilding Services Building Services Building Services Signage Signage Bathrooms	467 471 471 471 472 472 472 472 472 478 480 480 481 481 503 503 506 506 508 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Yes No Yes No O Yes No Tyes Tyes No Tyes Tyes Tyes Tyes Tyes Tyes Tyes Tyes	30 30 30 30 30 30 30 30 30 5 5 5 6 6 6 15 15	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Building Services Signage Signage Bathrooms	467 471 471 471 472 472 472 472 478 478 480 480 480 503 506 506 508 508 508 508 508 508 508 508	Aerials Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Yes Vinyl Carpet Cauarry Tile Laminate Timber Boarded Screed/Concrete Vinyl Carpet	20 20 30 30 30 30 30 30 30 30 30 5 5 5 6 6 6 6 6 15 15 8 8 8 9	0.00 350.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Signage Sathrooms Bathrooms	467 471 471 471 472 472 472 472 472 478 478 480 480 481 481 503 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Communal Dwelling Internal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Yes Voi No Yes No Tyes Tyes Tyes Tyes Tyes Tyes Tyes Tyes	20 20 30 30 30 30 30 30 30 20 15 15 15 80 15 15 30 15	0.00 350.00 550.00 0.00 48.60 68.47 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Signage Signage Bathrooms	467 471 471 471 471 472 472 472 472 478 480 480 480 503 506 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof of openings Penetrating Roof openings Penetrating Walls of openings Penetrating Walls or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Yes Vinyl Carpet Quarry Tile Laminate Timber Boarded Screed/Concrete Vinyl Carpet Quarry Tile Laminate Timber Boarded Screed/Concrete Vinipl Carpet Quarry Tile Laminate Timber Boarded	20 20 30 30 30 30 30 30 30 20 15 15 60 15 80 15 15	0.00 350.00 550.00 0.00 48.60 68.477 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Electrical Installations Wall Structure Building Services Building Services Building Services Signage Signage Signage Bathrooms	467 471 471 471 472 472 472 472 472 478 480 480 481 481 481 503 503 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Roaf damp Penetrating Roaf damp Penetrating Roaf damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Com	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Carpet Quarry Tile Laminate Timber Boarded Screed/Concrete Vinyl Carpet Quarry Tile Laminate Timber Boarded Screed/Concrete Vinyl Carpet Quarry Tile Laminate Timber Boarded Screed/Concrete Vinyl Carpet Quarry Tile Laminate Timber Boarded	20 20 30 30 30 30 30 30 30 20 15 15 15 80 15 15 15 15	0.00 350.00 48.60 0.00 48.60 68.47 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Wall Structure Building Services Building Services Signage Signage Bathrooms	467 471 471 471 472 472 472 472 472 472 478 478 480 480 481 481 481 503 503 503 506 506 508 508 508 508 508 508 508 509 509 509 509 509 509 509 510	Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering Stair Structure	Flats Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Wall Mounted - Street Light No Yes No Tyes No Yes No Yes No Tyes Tyes No Tyes Tyes No Tyes Tyes Tyes Tyes Tyes Tyes Tyes Tyes	20 20 30 30 30 30 30 30 30 30 20 15 15 60 15 15 15 30 15 15	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Sathrooms Bathrooms	467 471 471 471 472 472 472 472 472 472 478 488 480 481 481 481 503 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Dwelling Internal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No Ves Vinyl Carpet Quarry Tile Laminate Timber Boarded Screed/Concrete None Concrete Staircase	20 20 30 30 30 30 30 30 30 30 20 15 15 15 30 15 15 15 30 15 15	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Signage Signage Bathrooms	467 471 471 471 471 472 472 472 472 478 480 480 480 503 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Roaf damp Penetrating Roaf damp Penetrating Roaf damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Walls damp Penetrating Rainwater goods Penetrating Walls of door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Means of Escape Signage Bathroom Floor Covering Stair Structure Stair Structure	Flats Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Column Ves No Ves Vinyl Carpet Cuarry Tile Laminate Timber Boarded Screed/Concrete Staircase Timber Staircase Timber Staircase	20 20 30 30 30 30 30 30 30 20 15 15 15 15 15 15 15 15 15 15 15 15 15	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Wall Structure Building Services Building Services Building Services Signage Signage Bathrooms	467 471 471 471 471 472 472 472 472 472 478 480 480 481 481 481 503 503 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Roof damp Penetrating Wow or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Bathroom Floor Covering Stair Structure Stair Structure Stair Structure	Flats Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No O Y Y Y Y Y Y Y Y T T T T T T T T T T T	20 20 30 30 30 30 30 30 30 20 15 15 15 15 15 15 15 15 15 15 15 15 15	0.00 350.00
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Signage Bathrooms	467 471 471 471 472 472 472 472 472 472 478 480 480 481 481 481 503 503 503 503 503 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No O O O O O O O O O O O O O O O O O O	20 20 30 30 30 30 30 30 30 30 30 30 5 5 5 5	0.00 350.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Signage Signage Sathrooms Bathrooms	467 471 471 471 471 472 472 472 472 478 480 480 480 481 481 503 503 506 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials Aerials External & Street Lighting Penetrating & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Water Booster Pumps Maens of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Security Light Wall Mounted - Street Light No Yes No Tyes Tyes Tyes Tyes Tyes Tyes Tyes Tyes	20 20 30 30 30 30 30 30 30 30 30 20 15 15 15 60 15 15 15 15 15 15 15 15 15 15 15 15 15	0.00 350.00 550.00 0.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 107.42 28.60 35.99 64.56 39.32 22.77 41.04 28.60 64.56 39.32 22.77 0.00 2,600.00 1,720.00 1,720.00 1,720.00 1,720.00 1,720.00 1,720.00 1,720.00 1,720.00 1,720.00 1,850.00 1,720.00 1,850.00 1,120.00 1,144.85
Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Electrical Installations Wall Structure Building Services Building Services Signage Signage Signage Bathrooms	467 471 471 471 471 472 472 472 472 472 478 480 480 481 481 481 481 503 503 506 508 508 508 508 508 508 508 508 508 508	Aerials Aerials Aerials External & Street Lighting Penetrating Walls damp Penetrating Walls damp Penetrating Roof damp Penetrating Roof damp Penetrating Roof damp Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Rainwater goods Penetrating Wdw or door openings Water Booster Pumps Water Booster Pumps Means of Escape Signage Means of Escape Signage Bathroom Floor Covering	Flats Flats Flats Num Num Num Num Num Ans	Communal Communal Communal Communal Communal Communal Communal Communal Communal Dwelling Internal Communal Dwelling Internal	Individual Communal System None Column - Street Light Column Mounted - Security Light Wall Mounted - Street Light No Yes No Yes No Yes No Yes No O O O O O O O O O O O O O O O O O O	20 20 30 30 30 30 30 30 30 30 30 30 5 5 5 5	0.00 350.00 48.60 68.47 97.83 95.74 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0

	1						
Group_Reporting Kitchens	Question_Ref	Question_Heading Kitchen Floor	Unit M2	Category Dwelling Internal	Answer	Typical Life Cycle 30	Unit Cost 64.56
Kitchens		Kitchen Floor	M2	Dwelling Internal	Quarry Tile Laminate	15	39.32
Kitchens		Kitchen Floor	M2	Dwelling Internal	Timber Boarded	15	20.96
Kitchens	512		M2	Dwelling Internal	Screed/Concrete	15	174.09
Building Services		Fire Alarm	Flats	Communal	Not Applicable		0.00
Building Services	513	Fire Alarm	Flats	Communal	No		0.00
Building Services	513	Fire Alarm	Flats	Communal	Yes	20	1,850.00
Stairs & Balconies	515	Balconies Finish	M2	House	Self Finish Painted	15	39.32
Stairs & Balconies		Balconies Finish	M2	House	Asphalt	30	65.80
Stairs & Balconies		Balconies Finish	M2	House	Specialist Finish	15	14.15
Stairs & Balconies		Balconies Finish	M2	House	Quarry Tile	50	64.56
Stairs & Balconies	515	Balconies Finish	M2	House	Timber Boards	20	55.90
Stairs & Balconies		Balconies Finish	M2	House	Vinyl	15	35.99
Stairs & Balconies		Balcony Finish - Comm Balcony Finish - Comm	M2 M2	Communal Communal	Self Finish Painted Asphalt	15 30	97.34 65.80
Stairs & Balconies Stairs & Balconies	516		M2	Communal	Specialist Finish	15	14.15
Stairs & Balconies		Balcony Finish - Comm	M2	Communal	Quarry Tile	50	64.56
Stairs & Balconies		Balcony Finish - Comm	M2	Communal	Timber Boards	30	55.90
Stairs & Balconies		Balcony Finish - Comm	M2	Communal	Vinyl	15	35.99
Stairs & Balconies		Balconies Finish - Private	M2	Communal	Self Finish Painted	15	97.34
Stairs & Balconies		Balconies Finish - Private	M2	Communal	Asphalt	20	65.80
Stairs & Balconies	517	Balconies Finish - Private	M2	Communal	Specialist Finish	15	145.43
Stairs & Balconies	517	Balconies Finish - Private	M2	Communal	Quarry Tile	30	64.56
Stairs & Balconies		Balconies Finish - Private	M2	Communal	Timber Boards	15	55.90
Stairs & Balconies		Balconies Finish - Private	M2	Communal	Vinyl	15	35.99
Hard Surfaces		Roads 2	M2	Communal	None		0.00
Hard Surfaces		Roads 2	M2	Communal	Brick & Block Paving	30	68.31
Hard Surfaces		Roads 2	M2	Communal	Concrete	60	
Hard Surfaces		Roads 2 Roads 2	M2	Communal	Gravel	20 30	59.40 54.37
Hard Surfaces Hard Surfaces		Roads 2	M2 M2	Communal Communal	Tarmac Paving Slabs	30	54.37
Hard Surfaces Hard Surfaces		Paving 1	M2	Communal	None	30	0.00
Hard Surfaces		Paving 1	M2	Communal	Brick & Block Paving	30	46.42
Hard Surfaces		Paving 1	M2	Communal	Concrete	40	59.40
Hard Surfaces		Paving 1	M2	Communal	Gravel	20	37.80
Hard Surfaces		Paving 1	M2	Communal	Tarmac	30	37.80
Hard Surfaces	519	Paving 1	M2	Communal	Paving Slabs	30	37.80
Hard Surfaces	520	Paving 2	M2	Communal	None		0.00
Hard Surfaces		Paving 2	M2	Communal	Brick & Block Paving	30	46.42
Hard Surfaces		Paving 2	M2	Communal	Concrete	40	59.40
Hard Surfaces		Paving 2	M2	Communal	Gravel	20	37.80
Hard Surfaces		Paving 2	M2	Communal	Tarmac	30	37.80
Hard Surfaces		Paving 2	M2	Communal	Paving Slabs	30	37.80
Internal Structure & Finishes	521	Ceiling Finishes	M2	Dwelling Internal	Plaster	100	41.58
Internal Structure & Finishes	521	Ceiling Finishes	M2 M2	Dwelling Internal	Artex Mixed	80 75	43.20
Internal Structure & Finishes Internal Structure & Finishes	521 521	Ceiling Finishes Ceiling Finishes	M2	Dwelling Internal Dwelling Internal	Remove Polystyrene Tiles	100	69.28 27.55
Internal Structure & Finishes	521		M2	Dwelling Internal	Boarded	50	43.20
Internal Structure & Finishes	521	Ceiling Finishes	M2	Dwelling Internal	Part Suspended Mixed	40	43.20
Internal Structure & Finishes	522		M2	Dwelling Internal	Plaster	100	41.58
Internal Structure & Finishes	522	Wall Finishes	M2	Dwelling Internal	Artex	80	43.20
Internal Structure & Finishes	522	Wall Finishes	M2	Dwelling Internal	Mixed	75	69.28
Internal Structure & Finishes	522	Wall Finishes	M2	Dwelling Internal	Other	75	69.28
Internal Structure & Finishes	523	Ceiling Finishes	M2	Communal	Plaster	75	41.58
Internal Structure & Finishes	523		M2	Communal	Artex	80	43.20
Internal Structure & Finishes	523		M2	Communal	Mixed	75	69.28
Internal Structure & Finishes	523	Ü	M2	Communal	Remove Polystyrene Tiles	100	27.55
Internal Structure & Finishes		Ceiling Finishes	M2	Communal	Boarded	50	
Internal Structure & Finishes		Ceiling Finishes	M2	Communal	Part Suspended Mixed	40	
Internal Structure & Finishes Internal Structure & Finishes		Wall Finishes Wall Finishes	M2 M2	Communal Communal	Plaster Artex	75 80	
Internal Structure & Finishes		Wall Finishes	M2	Communal	Mixed	75	69.28
Internal Structure & Finishes		Wall Finishes	M2	Communal	Ceramic Wall Tiles	40	
Internal Structure & Finishes		Wall Finishes	M2	Communal	Rendered	60	53.30
Internal Structure & Finishes		Wall Finishes	M2	Communal	Other	60	
Windows	526	AOVs Communal Windows	Num	Communal	Not Applicable		0.00
Windows		AOVs Communal Windows	Num	Communal	Present	25	869.28
Building Services		Dry or Wet Risers	Storeys	Communal	Not Applicable		0.00
Building Services		Dry or Wet Risers	Storeys	Communal	Dry	60	
Building Services		Dry or Wet Risers	Storeys	Communal	Wet	50	387.41
Electrical Installations		Lightning Protection System	Storeys	Communal	Not Applicable		0.00
Electrical Installations		Lightning Protection System	Storeys	Communal	No Van		0.00
Electrical Installations		Lightning Protection System Roof Accessiblity	Storeys	Communal	Yes Not Applicable	30	
Roofs Roofs		Roof Accessibility Roof Accessibility	Storeys Storeys	Communal Communal	Not Applicable Fixed ladder	35	0.00 750.00
Roofs		Roof Accessibility Roof Accessibility	Storeys	Communal	Ladder Required	35	
Roofs		Roof Accessibility	Storeys	Communal	Walk Out Access	40	
Floor Coverings		Floor Covering stairs Other	Num	Communal	None None	40	0.00
Floor Coverings		Floor Covering stairs Other	Num	Communal	carpet	15	
Floor Coverings		Floor Covering stairs Other	Num	Communal	Vinyl sheet or tile	15	
Floor Coverings		Floor Covering stairs Other	Num	Communal	Other	15	
Floor Coverings		Floor finish Corridors 2ndry	M2	Communal	None		0.00
Floor Coverings	531	Floor finish Corridors 2ndry	M2	Communal	Carpet	15	
Floor Coverings		Floor finish Corridors 2ndry	M2	Communal	Ceramic Tile	40	
Floor Coverings		Floor finish Corridors 2ndry	M2	Communal	Vinyl sheet or tile	15	
Floor Coverings	531		M2	Communal	Non-slip vinyl sheet	15	
Floor Coverings		Floor finish Corridors 2ndry	M2	Communal	Laminate	20	
Estate		Roads 1	M2	Communal	Tarmac	30	
Estate		Roads 2 Paths 1	M2	Communal	Tarmac Paving Slahs	30	54.37
Estate	602	Paths 1 Paths 2	M2 M2	Communal	Paving Slabs	40 30	37.80 37.80
Estate Estate		Paths 3	M2	Communal Communal	Tarmac Tarmac	30	
Estate		Paths 4	M2	Communal	Paving Slabs	40	
Estate		Bollards & Posts 1	Num	Communal	Metal	30	
Estate		Bollards & Posts 2	Num	Communal	Concrete	25	160.00
Estate		Gates 1	Num	Communal	Automatic ramp	15	
Estate		Gates 2	Num	Communal	gallows	25	
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Gro	oup_Reporting	Question_Ref	Question_Heading	Unit	Category	Answer	Typical Life Cycle	Unit Cost
Estate		610	Gates 3	Num	Communal	Vehicular	25	1,950.00
Estate		612	Barriers	Num	Communal	Electric Gates	20	8,200.00
Estate		613	Fencing 1	Num	Communal	Bike Hoops	25	350.00
Estate		614	Fencing 2	M2	Communal	Hooped Railings	25	124.00
Estate		617	Road Gulleys 1	LM	Communal	Metal CI Channels	20	87.00
Estate		618	Road Gulleys 2	Num	Communal	Cast Iron Small	45	375.00
Estate		619	Road Gulleys 3	Num	Communal	Cast Iron Standard	45	465.00
Estate		621	Road/ Parking Bay Markings	LM	Communal	Paint	15	8.72
Estate		622	Seating	Num	Communal	Concrete Timber	25	2,450.00

Appendix E

Martech Technical Services Limited

Concrete Repairs Report

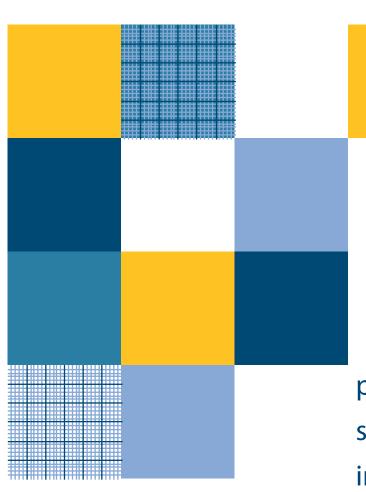


Title:

Date:

Job No:



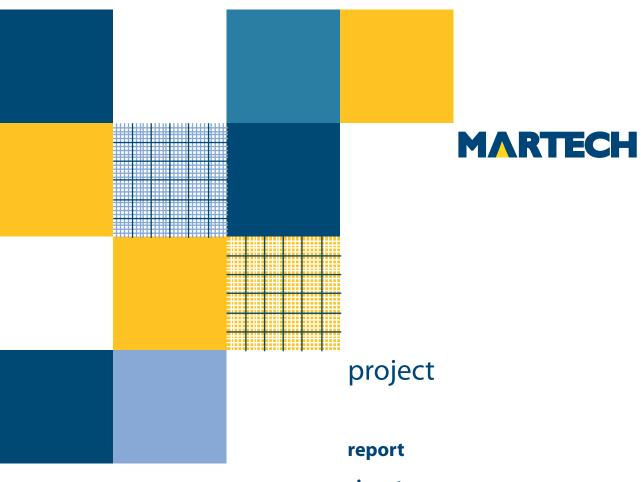


MARTECH

test

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project summation introduction test results interpretation repair advice images lab results summary table background glossary company details contact us web links



test report

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M report

This entire document, as detailed on the home or front page, comprises Martech Report reference 19130, dated 14th January 2020. This interpretative report is on a concrete condition survey.

M signature

The document has been put together for you by:

Jerry Nichols
BA(Hons), MSc

Operations Director

The document was approved by:

Roel van Es BSC(Hons), MCS, MICOrr

Managing Director

M address

The Tustin Estate Ilderton Road Peckham London SE15 1EJ



The blocks inspected were: *Manor Grove (Terraced House)*

Kentmere House Heversham House Bowness House Ullswater House Hillbeck House



The Mayor and Burgesses of The London Borough of Southwark 160 Tooley Street London SE1 2QH

Instructed on behalf of the above by

Mr Robert Forrest

Hunters and Partners Limited Space One Beadon Road London W6 0EA

Phone no. 020 8237 8200

M structure

The various structures are basically built of a combination of reinforced concrete elements, brickwork and glazing, typically with flat roofs.

The following photographs illustrate each of the structure types:



Photograph 1: General view of one of the Manor Grove terraced houses, at an end.



Photograph 2: General view of Kentmere House (font elevation).



Photograph 3: General view of part of Heversham House (rear).



Photograph 4: General view of part of Bowness House (rear).



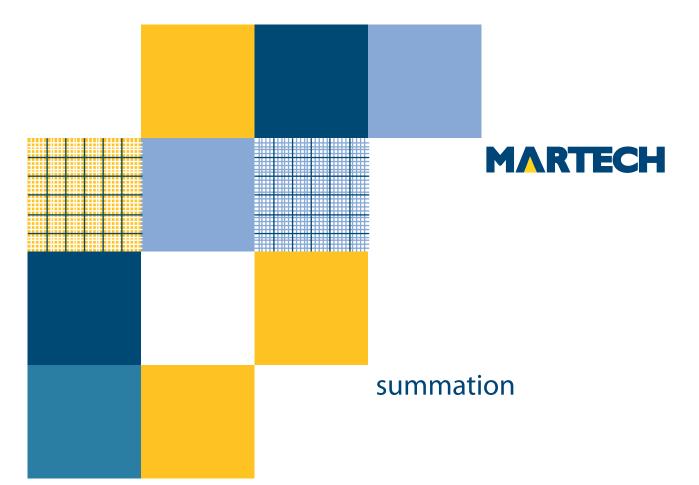
Photograph 5: General view of part of Ullswater House.



Photograph 6: General view of part of Hill Beck House.

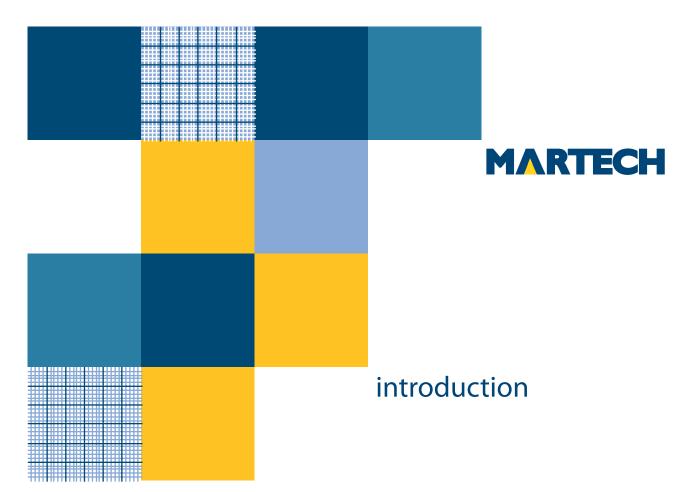
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Key words:	concrete, reinforcement corrosion, assessment, testing, cover,
3	carbonation, chlorides, samples, laboratory testing, alkalinity, cracking,
	spalling, previous repairs, European Standard EN 1504, concrete repair,
	corrosion control.
Objectives:	Tustin Estate blocks (Manor Grove, Kentmere House, Heversham House,
	Bowness House, Ullswater House & Hill Beck House) were assessed and
	tested in order to gain knowledge on the exact cause and true extent of
	concrete deterioration and reinforcement corrosion present.
Findings:	The structures were found to be suffering from low cover in areas with
	the advancing carbonation having reached the reinforcement in places, and hence a reinforcement corrosion problem. In addition in a few
	locations there are sufficient chloride to exacerbate corrosion. The
	chloride levels found generally presented a <i>low</i> risk of chloride attack on
	the reinforcement. There were a couple of higher results indicative of
	moderate and high risk chloride.
Repairs:	Proper concrete remedial works and effective corrosion control measures
	must be designed, in accordance with EN 1504, European standard for
	concrete repair, to deal with visible and latent damage, together with
	consideration of specific client requirements and expectations.
	Procurement of remediation services should, in our opinion, be in
	accordance with the Egan Report.
	We have recommended that the structures be fully surveyed (as part of
	the repair works), visible defects be traditionally patch repaired (using proprietary repair materials), latent damage treated with corrosion
	inhibitors and suitable protective skim and coatings be applied.
Dateline:	It is clear that the concrete deterioration observed has been caused by a
Dateille.	combination of factors. This has resulted in the readily visible effects of
	the reinforcement corrosion seen on the structures, plus the latent, or
	hidden, damage identified. The information contained within the report
	is only valid as presented in its entirety. The advice and interpretation
	given are representative of the state of the concrete as found at the time
	of survey. As deterioration is clearly ongoing in the structures, the
	advice and contents of the report are only valid for a period of 12
	months from the date of issue.





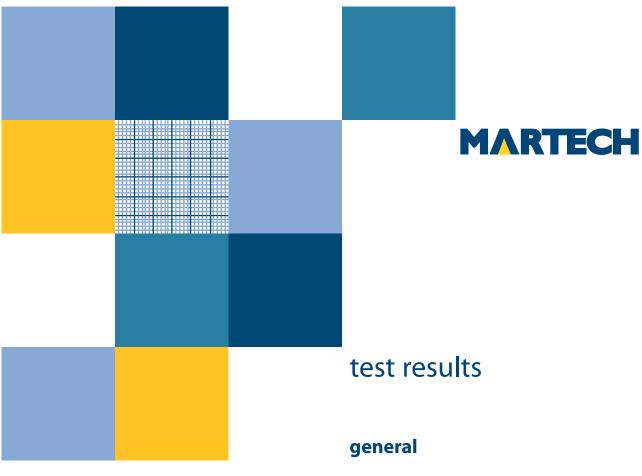
M the works

Martech Technical Services Ltd were requested by Mr Robert Forrest of Hunters to carry out a concrete condition assessment of various blocks on the Tustin Estate, LB of Southwark, in accordance with their email of instruction dated 26th November 2019.

The works were carried out in accordance with our proposals in our quotation QR20619/B/RvE/ajr dated 5th November 2019.

It was required to assess the nature and extent of concrete deterioration, to define the reinforcement corrosion condition, and to offer appropriate remediation and corrosion control proposals.

Our Engineers carried out the site work in the weeks commencing 2^{nd} and 9^{th} December 2019 and their findings are the subject of this interpretative report.



to select the section you require, please click on the relevant heading

visual
covermeter
carbonation

breakout

dust samples



M general

Although an overall visual assessment was made, detailed testing work was only carried out in selected test areas.

The test area positions were selected on the basis of the visual assessment, in such a manner as to endeavour to sample the full range of concrete and reinforcement conditions present, and thus to maximise the information obtainable.

The following Test Results sub-sections of the report contain photographs illustrating various parts of the text. It is recommended that these be studied, with their explanatory captions, in conjunction with the accompanying text.

The test results are summarised, in a logical tabular form, in the Summary Tables section of this report.

The findings are recorded on survey sheets, to be found in the Images section of this report.

The Background section of this report contains more information on the test procedures under Testing.

Assessment and testing was carried out employing the following techniques:

M visual

Please note that our visual observations are based upon one of our Engineers carrying out a brief walk around survey of accessible areas, perhaps supplemented by areas accessed during the course of the detailed testing.

It was noted that there are numerous concrete defects spread across the structures, often indicative of areas of low cover. As an estimation the following were logged on a walk around of each structure:

Manor Grove - ~25 No (on Council owned dwellings).

Kentmere House - ~37 No.

Heversham House - ~57 No.

Bowness House - ~54 No.

Ullswater House - 2 No.

Hill Beck House - 6 No.

The following photographs illustrate some of the defects noted:



Photograph 7: Example of spalling and visible reinforcement on Manor Grove, to a link section.



Photograph 8: Another example of a spall to Manor Grove.



Photograph 9: Another example of spalling and low cover at drip detail, Manor Grove.



Photograph 10: Spalling to a corner, Manor Grove.



Photograph 11: Spalling to roof beam on Kentmere House.



Photograph 12: As photo 11, after spalling material removed revealing corroded rebar.



Photograph 13: Spalling to soffit, Kentmere House, at TA52.



Photograph 14: As photo 13 after spalling material removed at the test area.



Photograph 15: Another example of spalling on Kentmere House. Also note deteriorated paint coatings to soffit.



Photograph 16: Further example of deterioration on Kentmere House.



Photograph 17: Example of spalls to Heversham House, here to window head and column above.



Photograph 18: Spalls noted to slab soffit on Heversham House.



Photograph 19: Further spalling to Heversham House, with exposed rebars at spalls covered with a grey primer.



Photograph 20: Another example of spalling to Heversham House.



Photograph 21: Spalling to stair tower roof at TA42, on Bowness House.



Photograph 22: Example of various spalls and previous repairs along floor beam, Bowness House.



Photograph 23: A spall to a beam over a window, Bowness House.



Photograph 24: Spalling and visible rebar on Bowness House.



Photograph 25: Another example of spalling, here to a column on Bowness House, at TA38.



Photograph 26: Cracking to floor beam on Ullswater House.



Photograph 27: A spall to a corner, pc panel, Ullswater House.



Photograph 28: Spalling to a pc panel at a joint, Hill Beck House.



Photograph 29: Spalling along a pc panel bottom edge, Hill Beck House.

M covermeter

The covermeter results obtained at the Tustin Estate have been corrected wherever possible in line with observations at breakout locations. True concrete cover is stated excluding render etc if present.

The cover results are summarised in the following tables:

Manor Grove

Element	Depth of Cover (mm)		
	Minimum	Maximum	Mean
Headers	20	63	45
Link Bridge Soffit	20	50	36
Link Bridge Slab Edge	15	70	42

Kentmere House

Element	Depth of Cover (mm)		
	Minimum	Maximum	Mean
Roof Beam	9	35	26
Soffit	6	42	22
Downstand Beam	11	20	14
Parapet	5	56	28

Heversham House

Element	Depth of Cover (mm)		
	Minimum	Maximum	Mean
Lift Tower Wall	20	43	33
Soffit	11	41	23
Walkway Upstand	33	55	43
Column	29	67	46
Slab Edge	13	31	23

Bowness House

Element	Depth of Cover (mm)		
	Minimum	Maximum	Mean
Soffit	15	37	25
Column	10	70	40
Edge Beam	<12	25	18
Slab Edge	13	61	28
Stair Soffit	13	42	28
Stair Wall	18	50	35

Ullswater House

Element	Depth of Cover (mm)		
	Minimum	Maximum	Mean
PC Panels	20	62	38

Hill Beck House

Element	Depth of Cover (mm)		
	Minimum	Maximum	Mean
PC Panels	16	68	38

M carbonation

Please note that it is our policy to record carbonation results from in-situ tests to the nearest 5mm only. We do this in recognition of the fact that, in our opinion, the results across any concrete structure can vary significantly, as the concrete is frequently far from homogeneous across that structure. It is also true that the so-called carbonation front is not a parallel plane to the surface of the concrete, rather it is locally seen to be a very irregular plane roughly parallel to the surface. Readings across a single break out can vary by more than 5mm, which would be reflected in the results.

In accordance with BRE Digest 444: Part 2:2000 the progress of carbonation obeys an empirical formula:

Simplified CBmm = $k.\sqrt{t}$ Where CBmm = carbonation depth in mm k = a constant reflecting concrete quality t = time, in years

The results obtained at the Tustin Estate are summarised in the following tables:

Manor Grove

Element	Depth of Carbonation (mm)		
	Minimum	Maximum	Mean
Headers	<5	15	7
Link Bridge Soffit	5	25	15
Link Bridge Slab Edge	5	10	7

Kentmere House

Element	Depth of Carbonation (mm)		
	Minimum	Maximum	Mean
Roof Beam	<5	15	8
Soffit	10	30	18
Downstand Beam	35	40	38
Parapet	15	70	30

Heversham House

Element	Depth of Carbonation (mm)		
	Minimum	Maximum	Mean
Lift Tower Wall	<5	25	13
Soffit	10	30	18
Walkway Upstand	10	>50	21
Column	10	25	17
Slab Edge	5	10	8

Bowness House

Element	Depth of Carbonation (mm)		
	Minimum	Maximum	Mean
Soffit	<5	5	<5
Column	<5	30	12
Edge Beam	<5	5	<5
Slab Edge	<5	15	10
Stair Soffit	5	15	10
Stair Wall	20	40	30

Ullswater House

Element	Depth of Carbonation (mm)		
	Minimum	Maximum	Mean
PC Panels	<5	10	6

Hill Beck House

Element	Depth of Carbonation (mm)		
	Minimum	Maximum	Mean
PC Panels	<5	10	6

M dust samples

Details of the laboratory test findings are to be found in the Lab Results section of this report.

In accordance with BRE Digest 444: Part 2:2000 the risks associated with chloride contamination of concrete are variable with source and age of structure. This has long been our opinion as the critical factor in chloride contamination is in fact the total amount of free chloride ion available to take part in chloride attack on reinforcement.

In simple terms cast-in chlorides tend to combine with the hydration products of the cement, and are therefore considered to be substantially bound. It is known that the carbonation process releases this chemical bond, which results in an accumulation of free chloride ion just ahead of the carbonation front.

Conversely, chlorides that have entered the concrete subsequent to hardening, referred to as ingressed chlorides, must be considered to be substantially free, and available to take part in chloride attack. Ingressed chloride will accumulate with the passage of time, being present in evergreater concentrations, at ever-greater depth. It follows that this form of chloride contamination is the more aggressive in the normal run of events.

Classification of risk in accordance with BRE Digest 444: Part 2:2000 is a complex procedure that we follow in general terms. The categories of risk are defined as follows: negligible, low, moderate, high, very high, and extremely high. Categorisation varies with source of chloride, age of structure, extent of carbonation and environmental exposure condition.

The results obtained for the Tustin Estate are expressed as chloride ion by mass of cement, using an assumed cement content of 14% in the concrete and are summarised in the following table:

Manor Grove

Element	Chloride Content (%)		
	Minimum	Maximum	Mean
Headers	0.13	0.35	0.24
Link Bridge Soffit	0.33	0.80	0.57
Link Bridge Slab Edge	0.22	0.23	0.23

Kentmere House

Element	Chloride Content (%)		
	Minimum	Maximum	Mean
Roof Beam	0.18	0.27	0.23
Soffit	0.06	0.33	0.22
Downstand Beam	0.04	0.22	0.13
Parapet	0.09	0.34	0.24

Heversham House

Element	Chloride Content (%)		
	Minimum	Maximum	Mean
Lift Tower Wall	0.11	0.13	0.12
Soffit	0.11	0.21	0.15
Walkway Upstand	0.12	0.17	0.14
Column	0.12	0.37	0.25
Slab Edge	0.19	0.19	0.19

Bowness House

Element	Chloride Content (%)		
	Minimum	Maximum	Mean
Soffit	< 0.01	0.08	0.05
Column	0.17	0.29	0.21
Edge Beam	0.13	0.23	0.18
Slab Edge	0.08	0.12	0.10
Stair Soffit	0.04	0.04	0.04
Stair Wall	0.10	0.20	0.15

Ullswater House

Element	Chloride Content (%)		
	Minimum	Maximum	Mean
PC Panels	0.18	0.66	0.31

Hill Beck House

Element	Chloride Content (%)		
	Minimum	Maximum	Mean
PC Panels	0.08	0.34	0.21

The tables have been colour coded to show the risk of reinforcement corrosion occurring in uncarbonated concrete due to the presence of cast in chlorides in accordance with BRE Digest 444 Part 2: 2000, assuming that the structures are approximately 40 years old, as follows: -

Chlorides (%)	Risk of Corrosion
< 0.45	LOW
0.46 - 0.70	MODERATE
0.71 - 1.00	HIGH
1.01 - 1.50	VERY HIGH
>1.50	EXTREMELY HIGH

The chloride results at the Tustin Estate were found to generally be of low risk although there was one moderate (at TA9, a pc panel on Ullswater) and one high (at TA14, link bridge soffit on Manor Grove) risk results indicative of localised contamination. Having said that the low risk results did appear to indicate a possible low level of background/cast-in chlorides probably from the mix water or the aggregate.

M breakout

Details of the exploratory break out findings are to be found on the relevant detailed test area survey sheets, in the Images Section to this report.

At 6 no. of the exploratory breakouts reinforcement with either slight or surface corrosion was found in carbonated concrete. At 4 no. clean and passive reinforcement in alkaline concrete was revealed. At one location there was a loss of passivity where carbonation had just reached the rebar inspected.

The following photographs illustrate some of the breakouts:



Photograph 30: The breakout at TA1, pc panel, Hill Beck House, revealing clean and passive reinforcement in alkaline concrete.



Photograph 31: The breakout at TA7, pc panel, Ullswater House, revealing a bar with slight surface corrosion where carbonation had reached the bar down a crack (central to this photo).



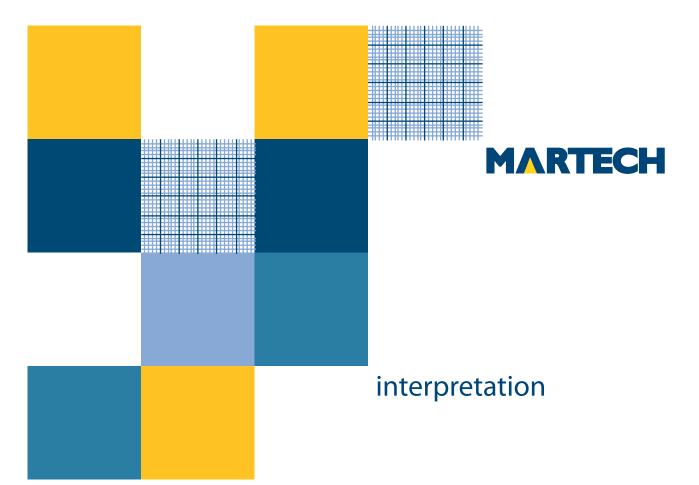
Photograph 32: The breakout at TA24, soffit, Heversham House, revealing one bar in carbonated concrete with slight surface corrosion and a bar at deeper depth in alkaline concrete and clean and passive condition.



Photograph 33: The breakout at TA37, soffit, Bowness House, revealing clean and passive rebar in alkaline concrete.



Photograph 34: The breakout at TA54, soffit, Kentmere House, revealing a bar with surface corrosion/loss of section in carbonated concrete.



t e s t



M test report

The test results obtained at the Tustin Estate indicate that there is significant concrete deterioration spread across the estate building (surveyed) predominantly due to a combination of areas of low cover and carbonation as well as occasional chlorides.

The visual inspection noted defects across the structures where inspected and an approximate log of defects was noted and a contractor has supplied a budget costings for traditional concrete patch repairs, corrosion inhibitors and coatings for each block.

The minimum covers recorded and maximum carbonation results indicated that there are areas of reinforcement within or near to carbonated concrete (except to the pc panels on Ullswater and Hill Beck – but there is only a small amount of deterioration to these ones, associated with joints and/or edges).

Overall the minimum covers recorded ranged from 5mm to 33mm whilst the maximum carbonation results ranged from 5mm to 70mm.

The vast majority of the chloride results were of low risk, although still sufficient in places to indicate a generally low level of cast-in chlorides (from mix water or aggregates for example). There was one moderate risk result (0.66%) and one high risk result (0.80%).

The exploratory breakouts often (more than 50%) revealed rebars with slight or surface corrosion in carbonated concrete indicated there is also a notable level of latent damage.





M general

There are a number of options to be considered in dealing with a structure suffering concrete distress as a result of reinforcement corrosion. These may be outlined as follows:

- Do nothing
- Do something temporary
- Effect a proper repair

For the purposes of this report it is assumed that the sensible long-term option of effecting a proper repair methodology will be adopted.

In effective long-term refurbishment one needs to deal with all the latent, or hidden, as well as visible damage. Passivation of the steel must in our opinion be achieved for long-term durability. The repair advice given below constitutes our best advice and opinion.

Please take the time to read our background information to this repair advice, to be found variously under Concrete and Concrete Repair in the Background section to this report.



M works required

The following concrete repair and corrosion control advice for the Tustin Estate blocks surveyed also assumes that all top surfaces of treated concrete slabs are or will be made fully waterproof, e.g. roofs, balcony slabs and so forth.

We have carried out a walk around visual appraisal of the external concrete surfaces on this structure. It should however be noted that this merely gives the approximate number of the visible defects; concrete repair quantities will be greater to the extent determined by the eventual specialist concrete repair contractor. As the deterioration is ongoing it should also be noted that further defects will become apparent with the passage of time from the date of survey.

In any event all instances of low cover must be attended to and all latent and visible corrosion damage repaired, such that any untreated reinforcement is in a sound alkaline condition. For concrete repair purposes any reinforcement found to be within 5 mm of the average carbonation front depth, must always be considered to be immediately at risk of corrosion.

Traditional concrete repair methods are considered appropriate for dealing with the visible defects – spalling and any failed previous repairs and so on.

This will involve identifying all carbonated or contaminated concrete at the time of repair, which is in contact with reinforcement, which will of course include an element of latent damage on top of the readily visible problem areas. All defective concrete will be removed and replaced with a proprietary concrete repair product, forming part of the full repair system in use. All cutting out for patch repairs will go well beyond the corroded length and behind the bar to ensure effective remediation. A levelling mortar or porefiller will be applied to the repaired and unrepaired concrete surfaces in readiness for the protective decorative coatings.

The use of corrosion inhibitors is considered appropriate for dealing with latent damage where carbonation has reached or is near to the reinforcement but external visible deterioration (e.g. spalling) has not yet manifested. The corrosion inhibitor deals with the latent damage via migration through the pore structure of the concrete, and adsorption to steel surfaces. A monomolecular layer coats the steel preventing moisture and oxygen reaching it, and hence corrosion.

It is important that a proprietary concrete repair system with a good track record be used, in conjunction with a recognised specialist contractor. Particular attention should be paid to the selection of decorative and protective coatings. These must be vapour permeable and preferably elastomeric with all of these properties confirmed by independent test certificates.

Tustin Estate - Cost Plan Submission

20th December 2019

111	Iswater	House
u	iswatei	nuuse

Ullswater House							
	Qty		Unit	Rat	:e	Tot	tal
Project Preliminaries		1	Item	£	12,435.12	£	12,435.12
Provisional sum for temporary access provisions		1	Item				
Surface preparation by means of high pressure							
water jetting only.		1023	m2	£	5.00	£	5,115.00
visual and hammertap defects identification							
survey.		1023	m2	£	2.00	£	2,046.00
Concrete repairs as per Martech Survey.		2	Nr	£	100.00	£	200.00
Application of pore fillers/fairing coats		1023	m2	£	20.00	£	20,460.00
Application of corrosion inhibitors.		1023	m2	£	20.00	£	20,460.00
Application of Anti-carbonation coatings.		1023	m2	£	15.00		15,345.00
						£	76,061.12
Bowness House							
Project Preliminaries		1	Item	£	11,651.32	£	11,651.32
rojectrienimaries		1	Item	_	11,031.32	_	11,051.52
Provisional sum for temporary access provisions		1	Item				
Surface preparation by means of high pressure							
water jetting only.		795	m2	£	5.00	£	3,975.35
visual and hammertap defects identification							
survey.		795	m2	£	2.00	£	1,590.14
Concrete repairs as per Martech Survey.		54	Nr	£	100.00	£	5,400.00
Application of pore fillers/fairing coats		795	m2	£	20.00	£	15,901.40
Saplication of corrosion inhibitors.		795	m2	£	20.00	£	15,901.40
Application of Anti-carbonation coatings.		795	m2	£	15.00		<u>£</u>
							1,926.05£
Haversham House							66,345.66
Project Preliminaries		1	Item	£	23,337.99	£	23,337.99
•							
Provisional sum for temporary access provisions		1	Item				
Surface preparation by means of high pressure							
water jetting only.		1838	m2	£	5.00	£	9,192.20
visual and hammertap defects identification							
survey.		1838		£	2.00	£	3,676.88
Concrete repairs as per Martech Survey.			Nr	£	100.00	£	5,700.00
Application of pore fillers/fairing coats		1838	m2	£	20.00	£	36,768.80
Saplication of corrosion inhibitors.		1838	m2	£	20.00	£	36,768.80
Application of Anti-carbonation coatings.		1838	m2	£	£ 15.00	£	27,576.60
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£ 143,021.27



Manor Grove

Project Preliminaries	1	Item	£	4,110.51	£	4,110.51
Provisional sum for temporary access provisions Surface preparation by means of high pressure	1	Item				
water jetting only.	222	m2	£	5.00	£	1,109.22
visual and hammertap defects identification						,
survey.	222	m2	£	2.00	£	443.69
Concrete repairs as per Martech Survey.	25	Nr	£	100.00	£	2,500.00
Application of pore fillers/fairing coats	222	m2	£	20.00	£	4,436.86
Saplication of corrosion inhibitors.	222	m2	£	20.00	£	4,436.86
Application of Anti-carbonation coatings.	222	m2	£	15.00	£	3,327.65
					£	20,364.78
Kentmere						
Project Preliminaries	1	Item	£	12,550.76	£	12,550.76
Provisional sum for temporary access provisions	1	Item				
Surface preparation by means of high pressure						
water jetting only.	1122	m2	£	5.00	£	5,610.46
visual and hammertap defects identification						
survey.	1122	m2	£	2.00	£	2,244.18
Concrete repairs as per Martech Survey.	37	Nr	£	100.00	£	3,700.00
Application of pore fillers/fairing coats	1122	m2	£	20.00	£	22,441.84
Saplication of corrosion inhibitors.	1122	m2	£	20.00	£	22,441.84
Application of Anti-carbonation coatings.	1122	m2	£	15.00	£	16,831.38
Hillbeck					£	85,820.47
Project Preliminaries	1	Item	£	7,049.66	£	7,049.66
Provisional sum for temporary access provisions	1	Item				
Surface preparation by means of high pressure						
water jetting only.	856	m2	£	5.00	£	4,278.00
visual and hammertap defects identification						
survey.		m2	£	2.00	£	1,711.20
Concrete repairs as per Martech Survey.		Nr	£	100.00	£	600.00
Application of pore fillers/fairing coats		m2	£	20.00	£	17,112.00
Saplication of corrosion inhibitors.		m2	£	20.00	£	17,112.00
Application of Anti-carbonation coatings.	856	m2	£	15.00	£	12,834.00
					£	60,696.86

When considering our submission please note the following:

















This cost plan proposal has been formulated utilising Martech measurements and concrete repair quantaties and an assumed specification. This wil be subject to change following confirmation of the project specification and associated site visits.

No allowance has been made for the provision of temporary access to facilitate the works.

These rates are subject to site inspections and agreement of minimum order quantities.

Quotation strictly Nett and exclusive of VAT $\,$

We assume free use of the sites water, electricity and parking as required to complete the works, to be provided by others.

Works to be carried out during our normal working hours and in a single continuous visit.

Unless specifically stated otherwise no allowance has been made for the issuing of any manufactures guarantees/warranties.

We have excluded all works associated with asbestos







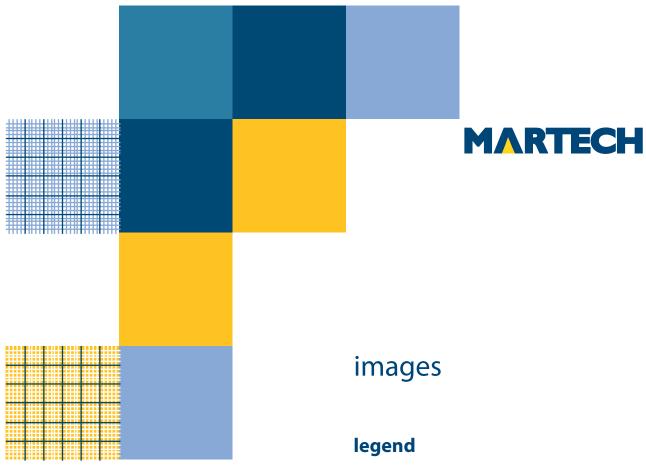












t e s t

to select the section you require, please click on the relevant heading

test area locations plan test area survey sheets

LEGEND

Rebar Location and Depth of Cover (mm)

⊕ S Sample Location and Reference

CV Depth of Cover (mm)

BWK Brickwork

CB Depth of Carbonation (mm)

C+P Clean and Passive Steel

LOP Loss of passivity

SP Spall

PR Previous Repair

FPR Failed Previous Repair

TW Tie Wire

RS Rust Spot/Stain

PY Pyrite

B/O Breakout to Expose Reinforcement

FM Facing Mix

BM Backing Mix

c Crack

VS Visible Steel

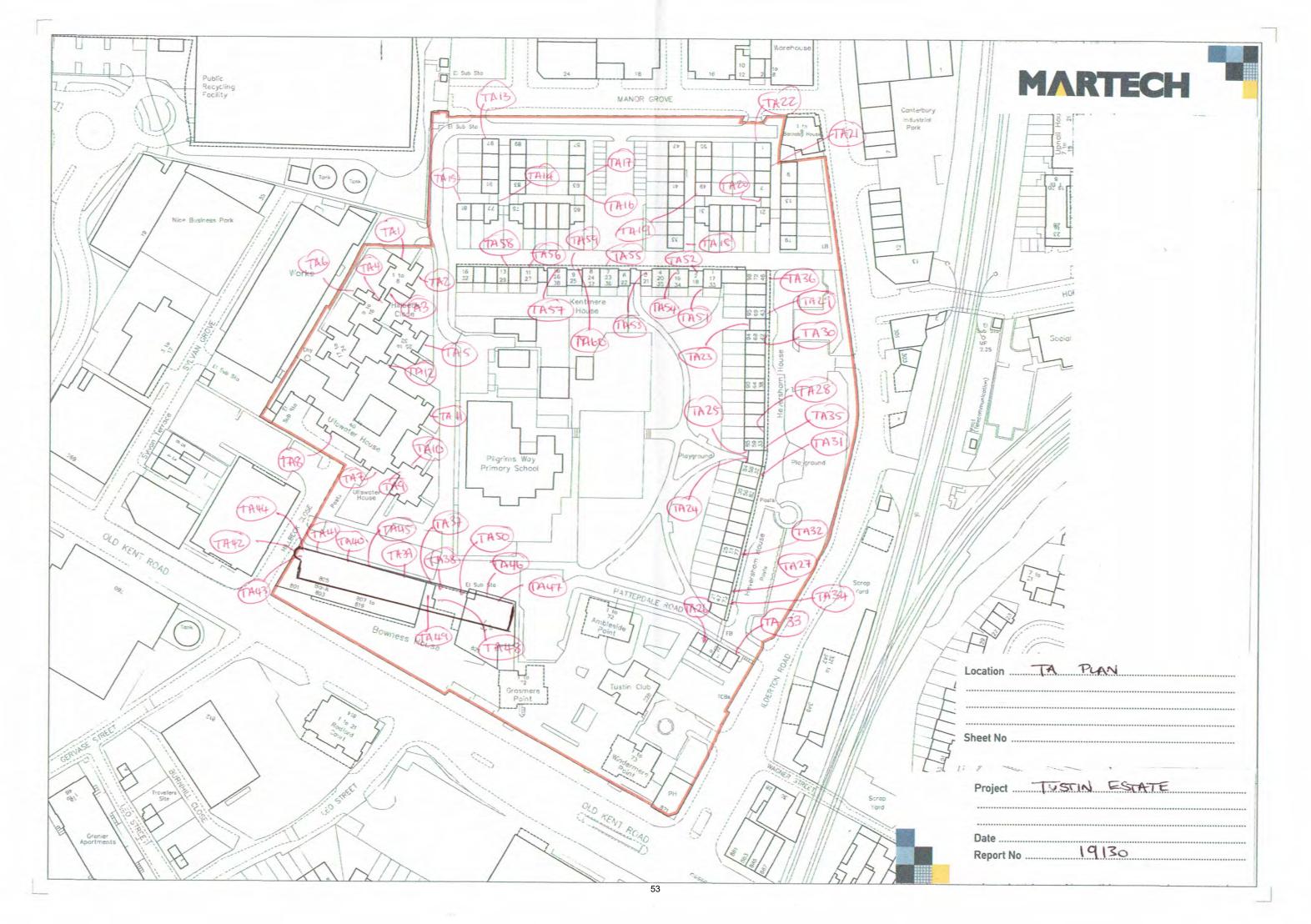
BE Bar end

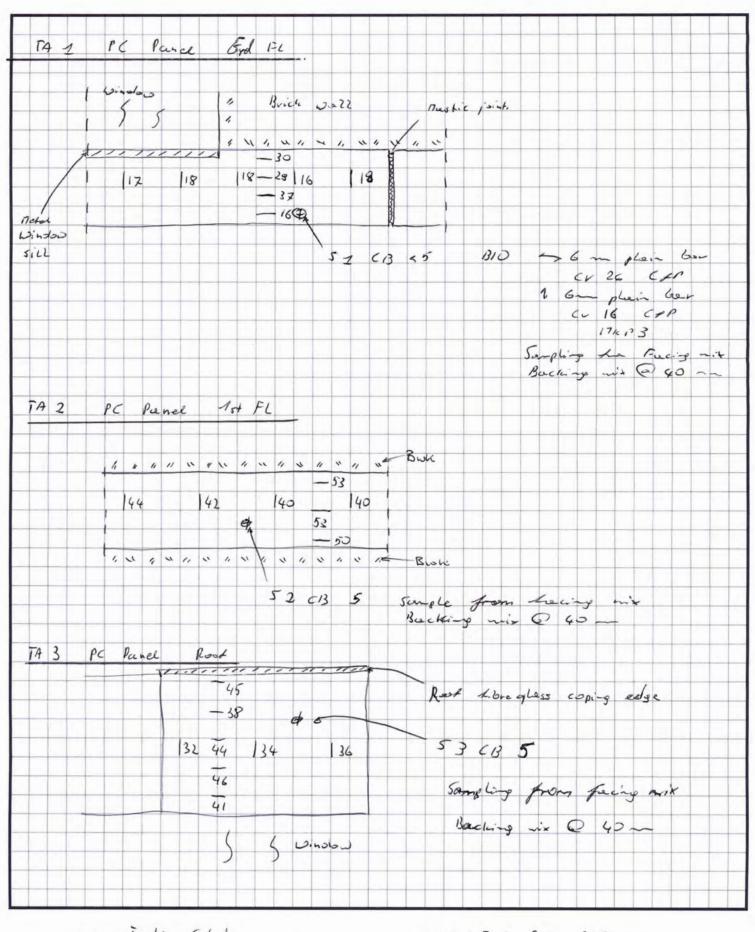
→ C1 Core Sample Location and Reference

SSC Slight Surface Corrosion

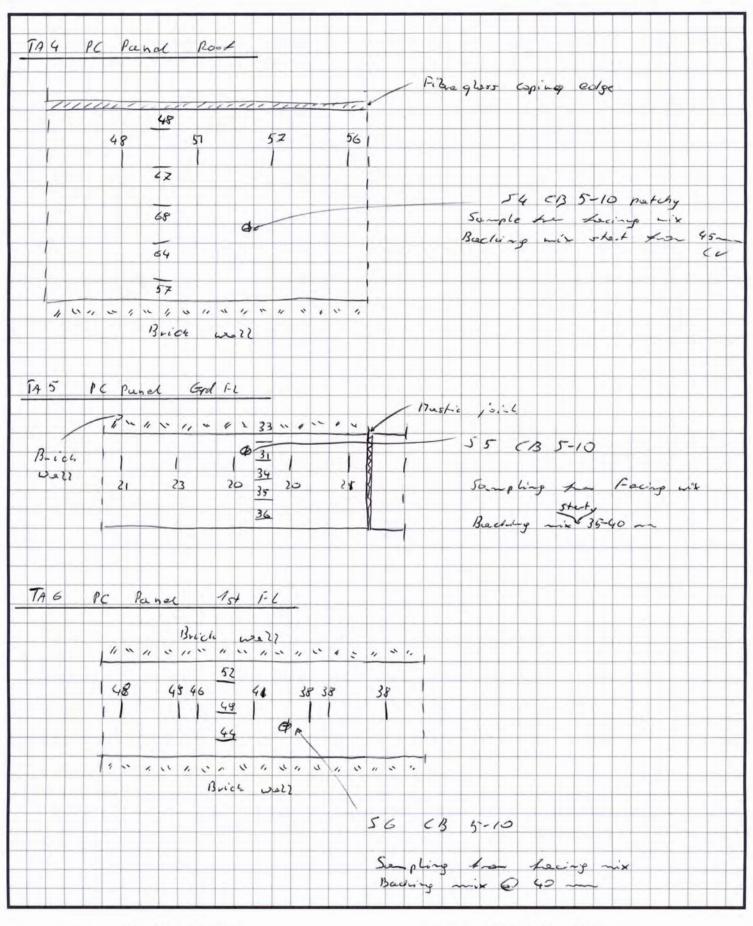
SC Surface Corrosion

H Hollow

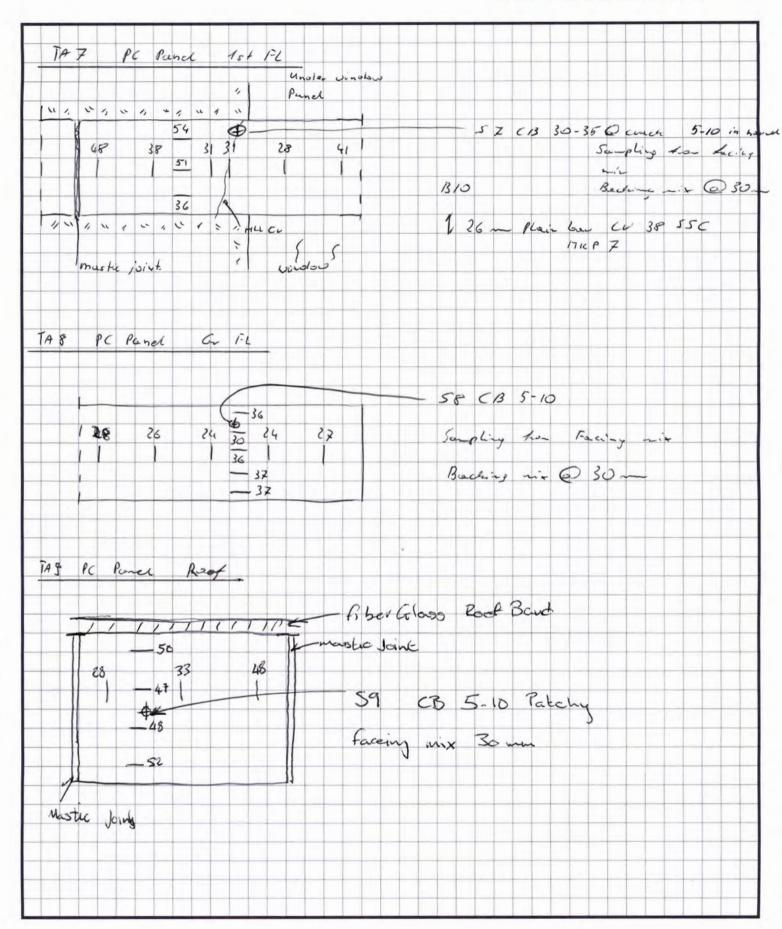




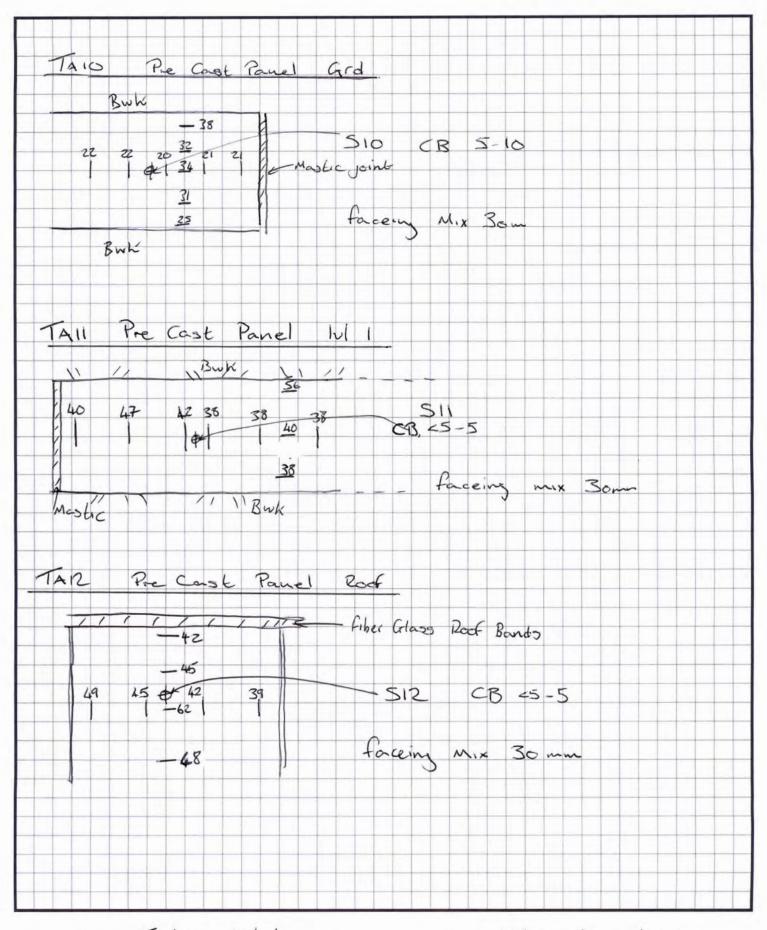
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London	
	Hill Book House
Date54	
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Project Tastin Estate	Location TA4, TA5, TA6
London	
	Hill Beck House
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Project TASTIN ESTATE	Location TAZ, TAS, TAS
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	Ullswator House
Date56	
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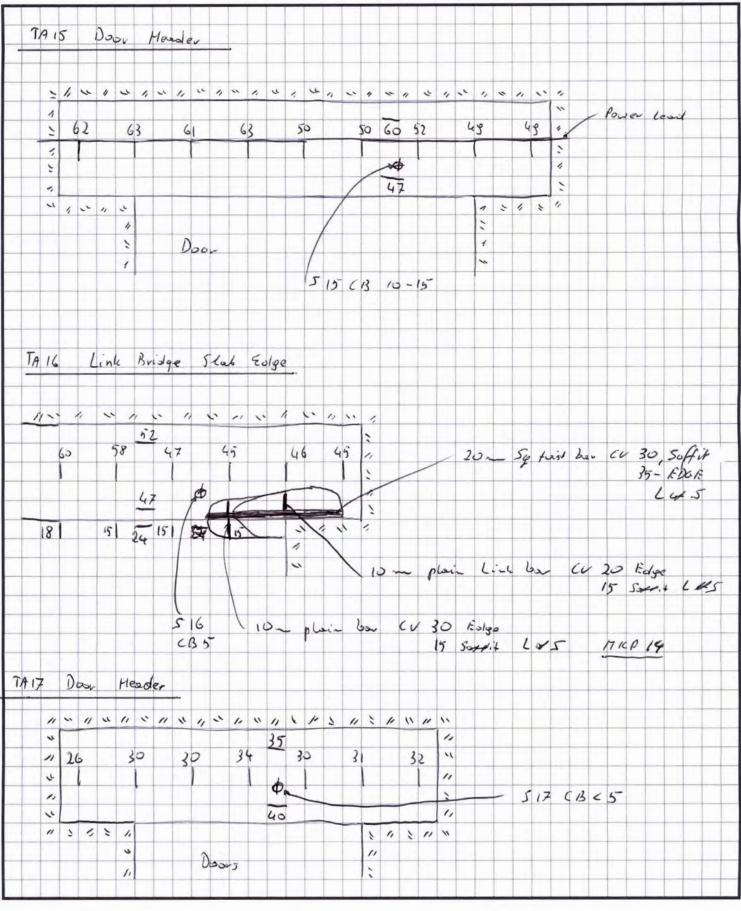


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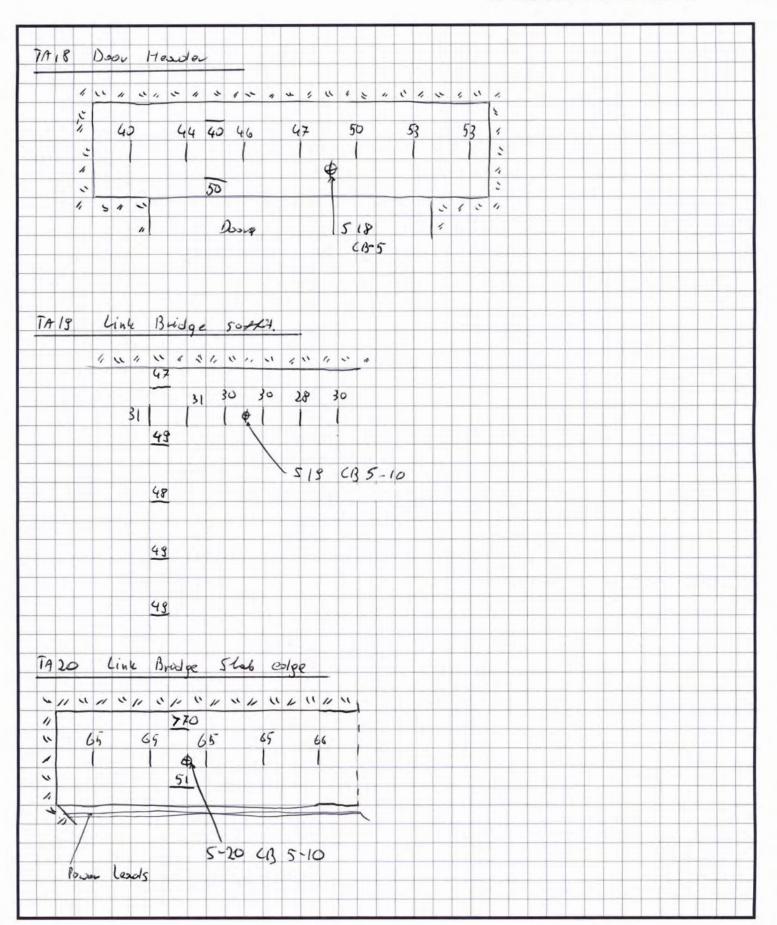
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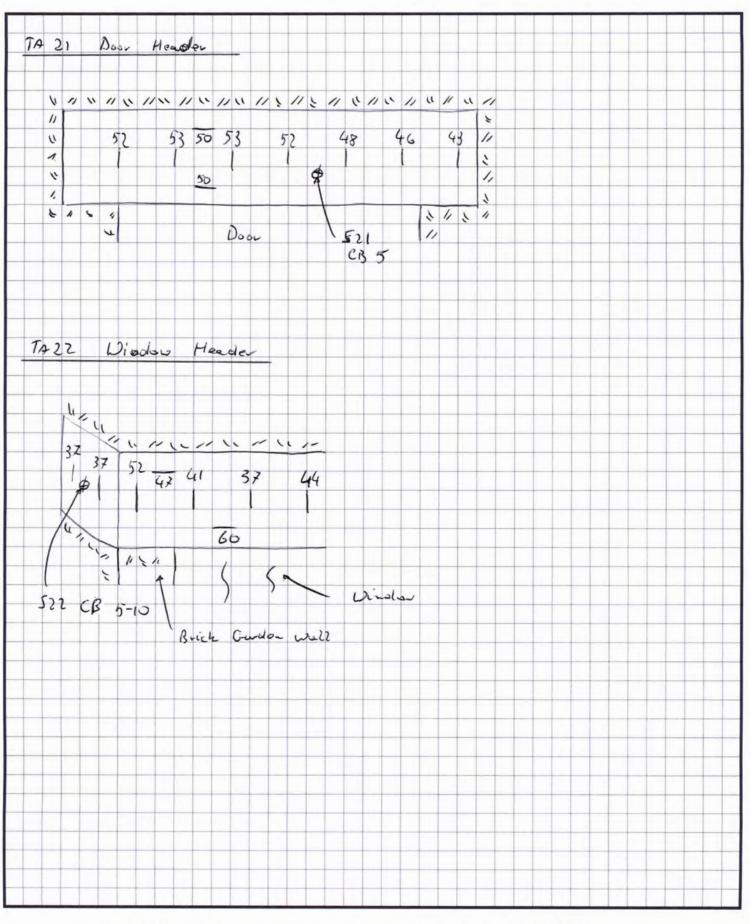




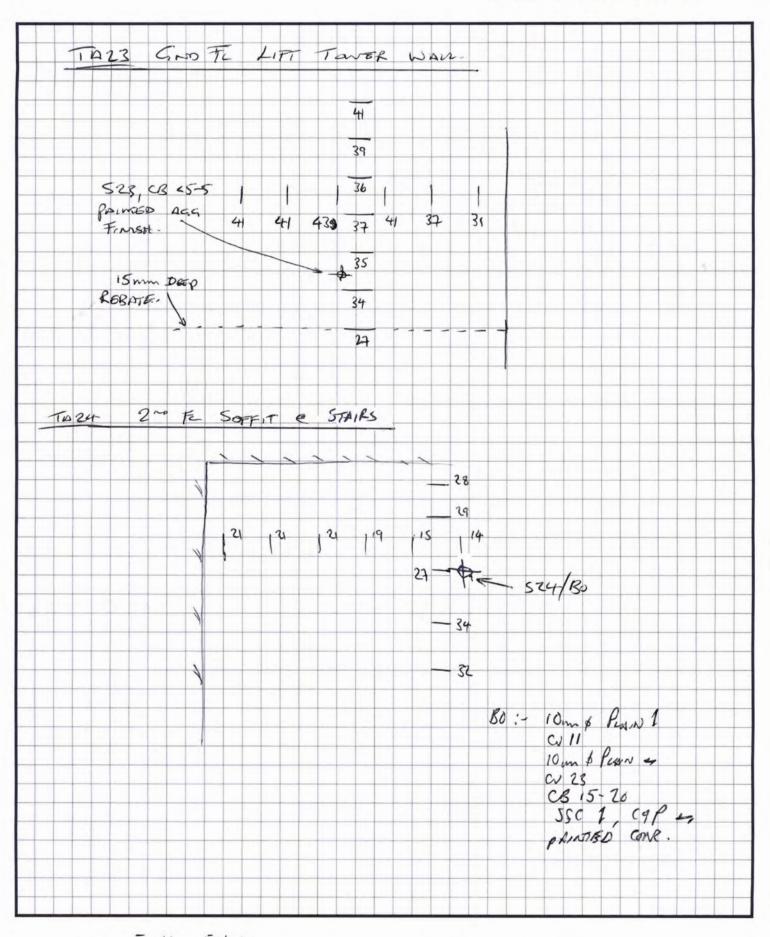
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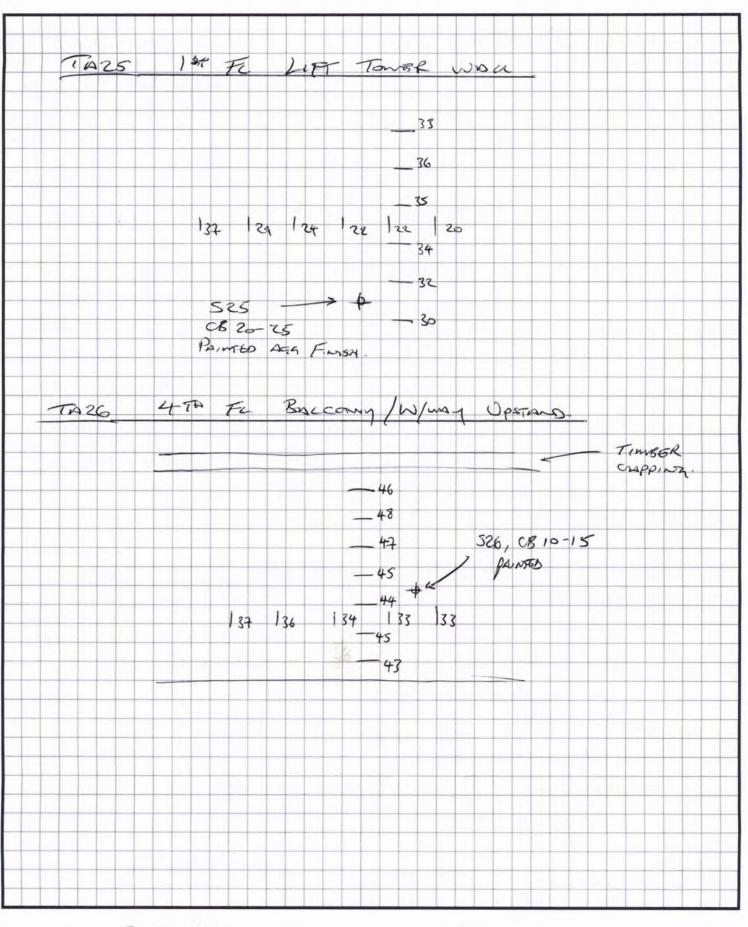
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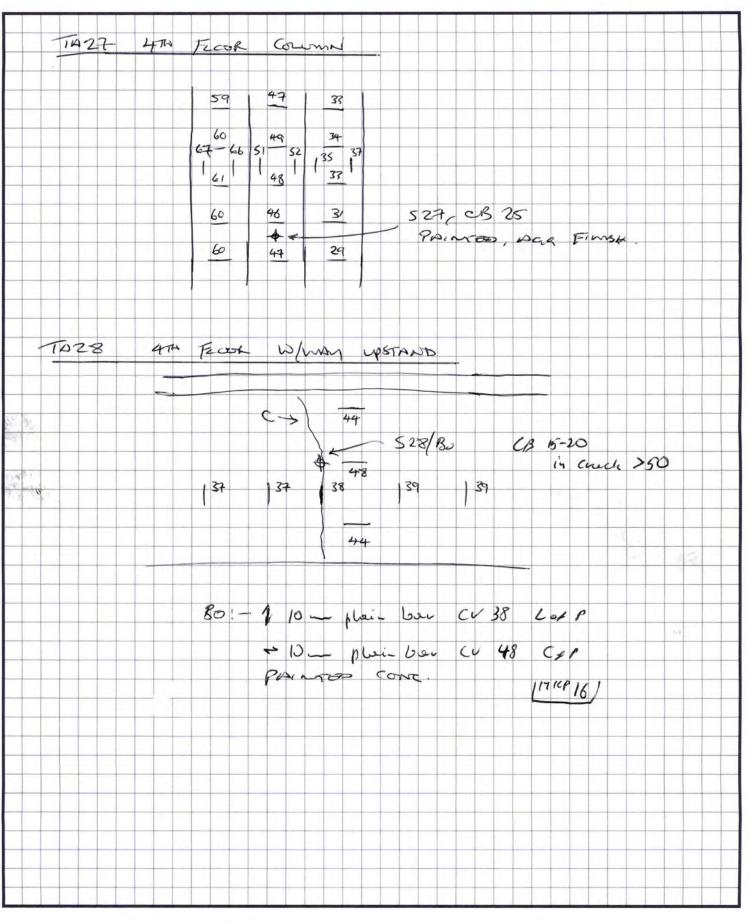
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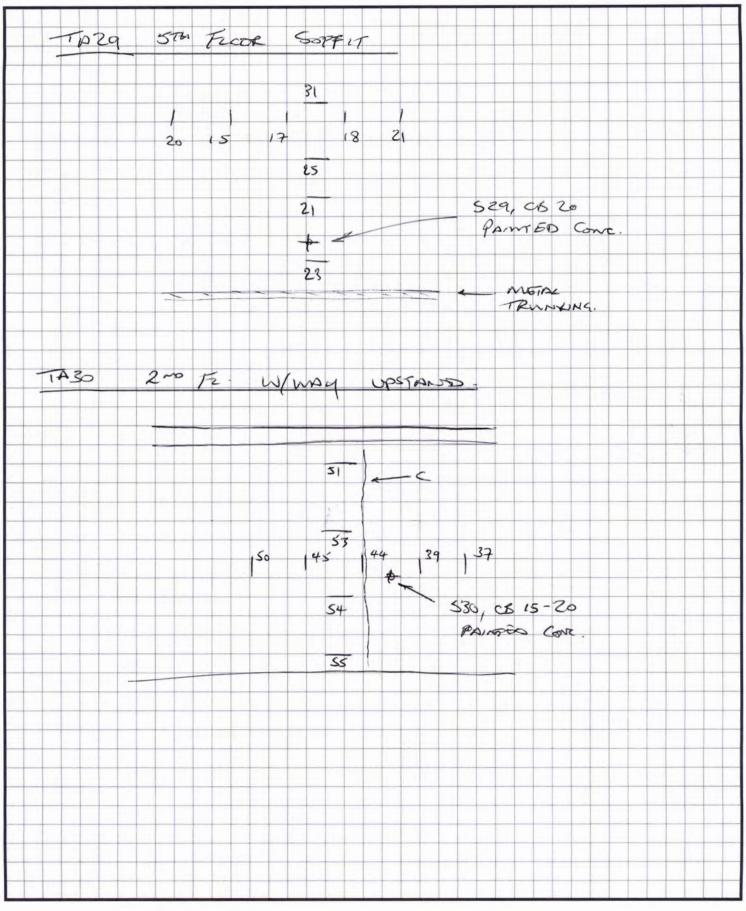
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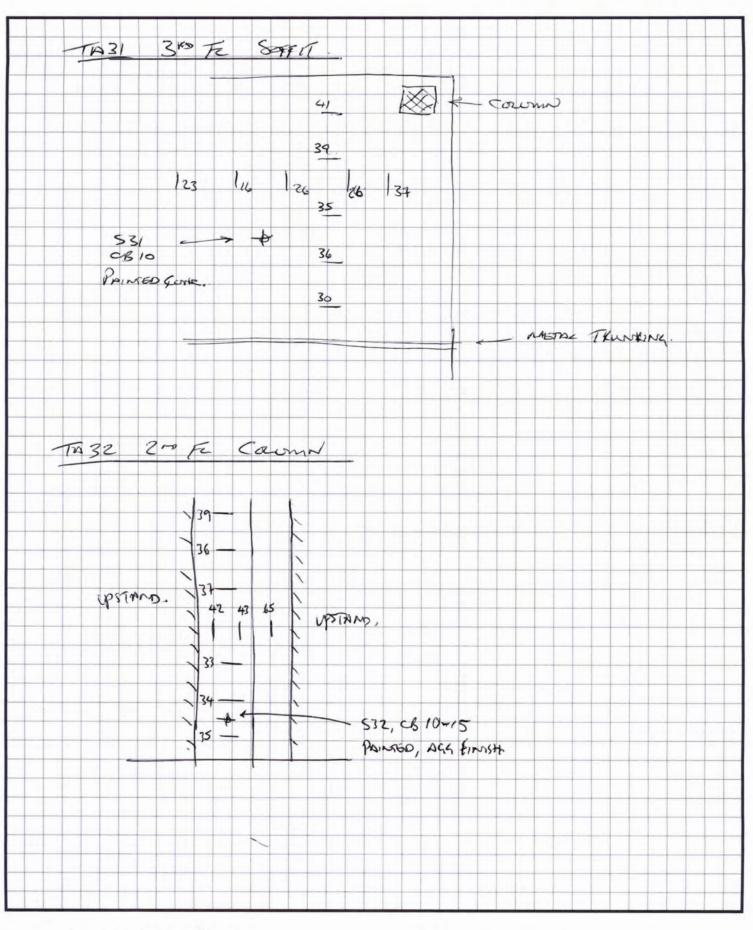
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London	TA25 + 26
	Movershown House
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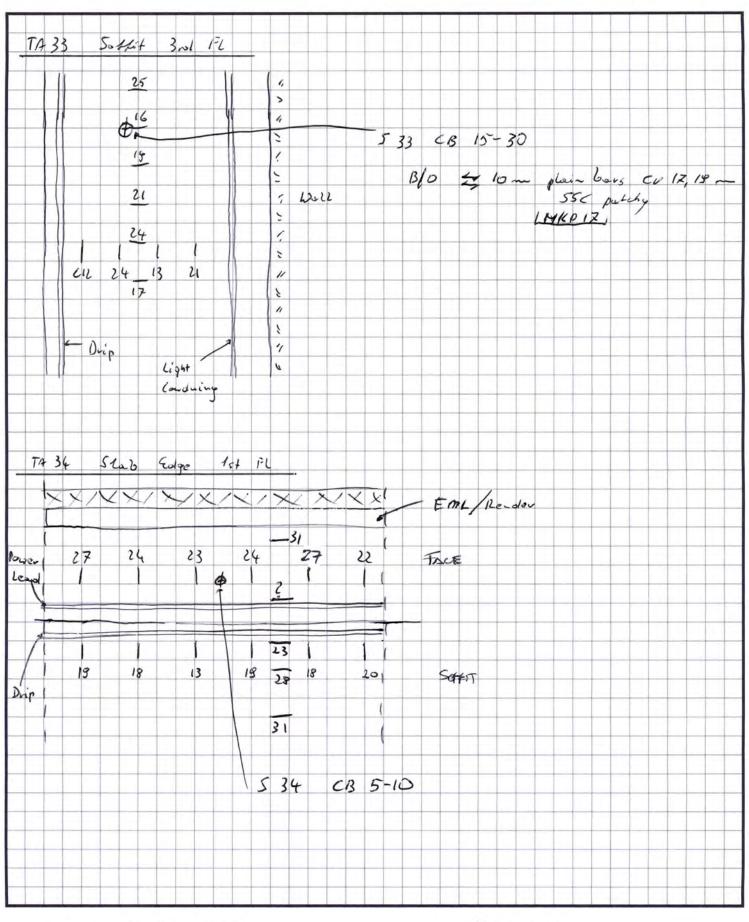
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London	TA 27 + 28
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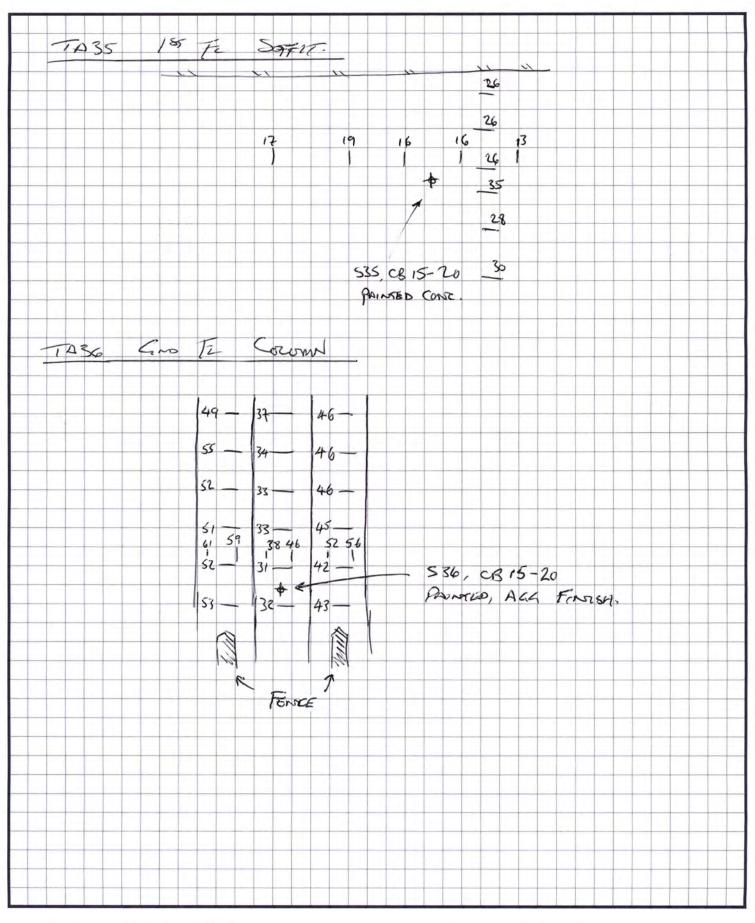
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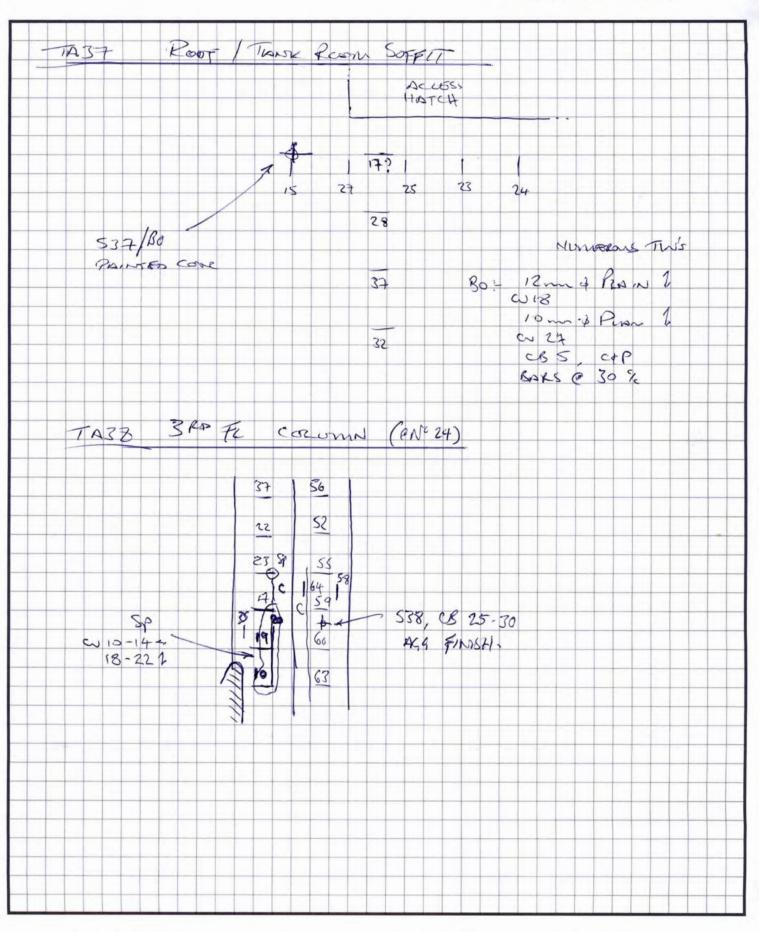
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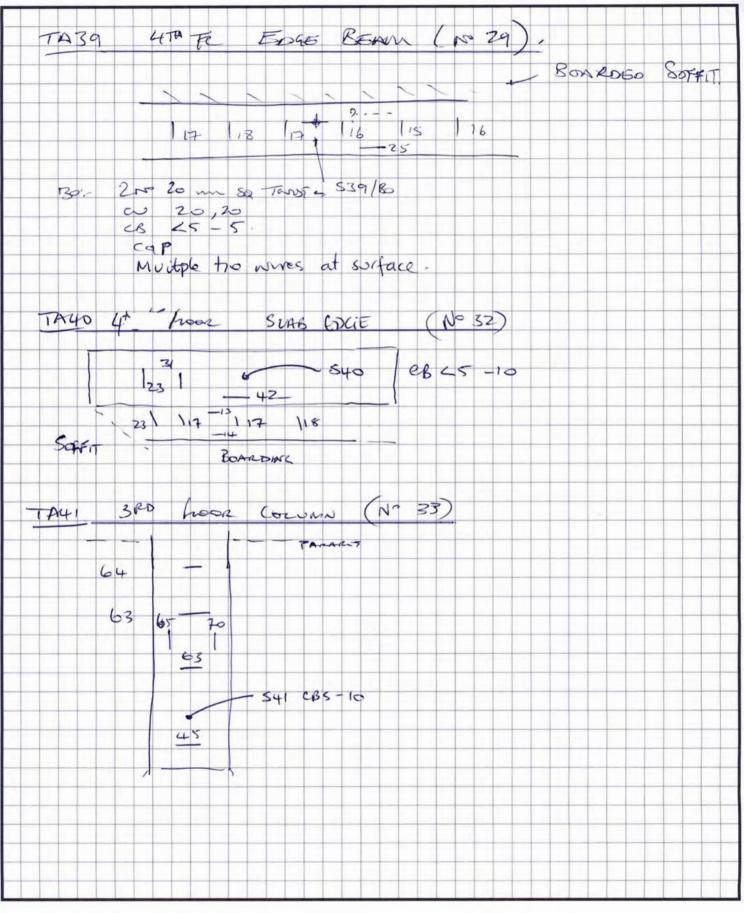
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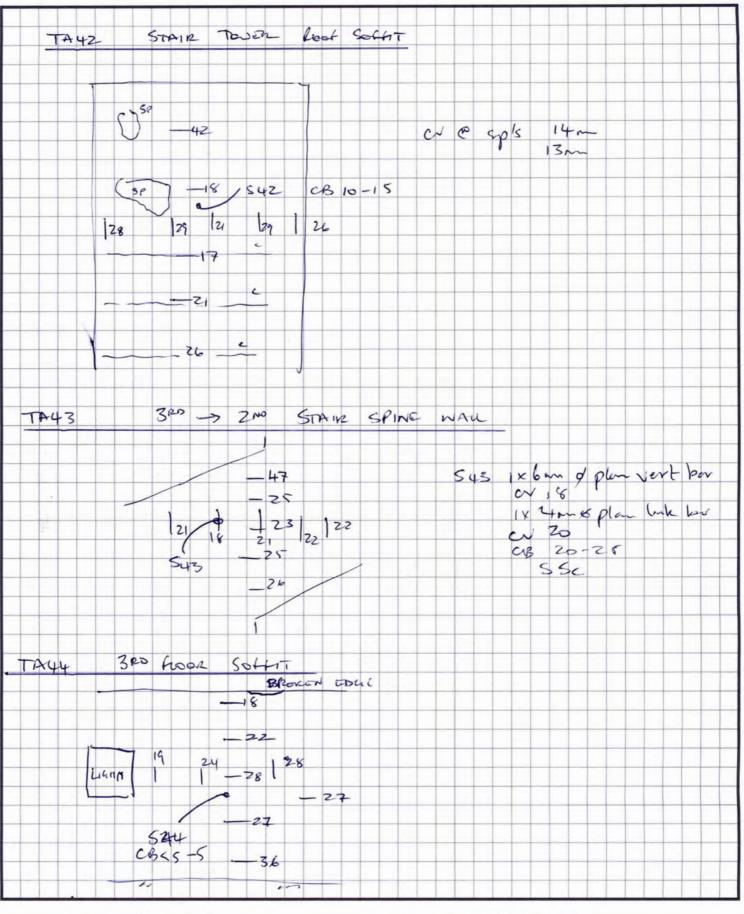
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	Heversham House
Date	
Report No 15130	Sheet No



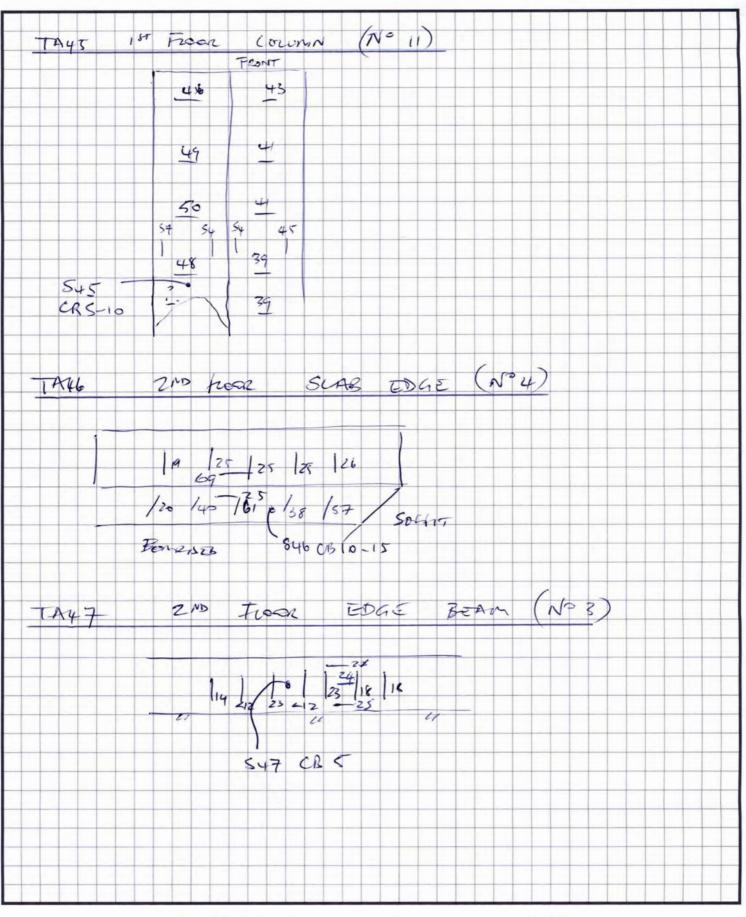
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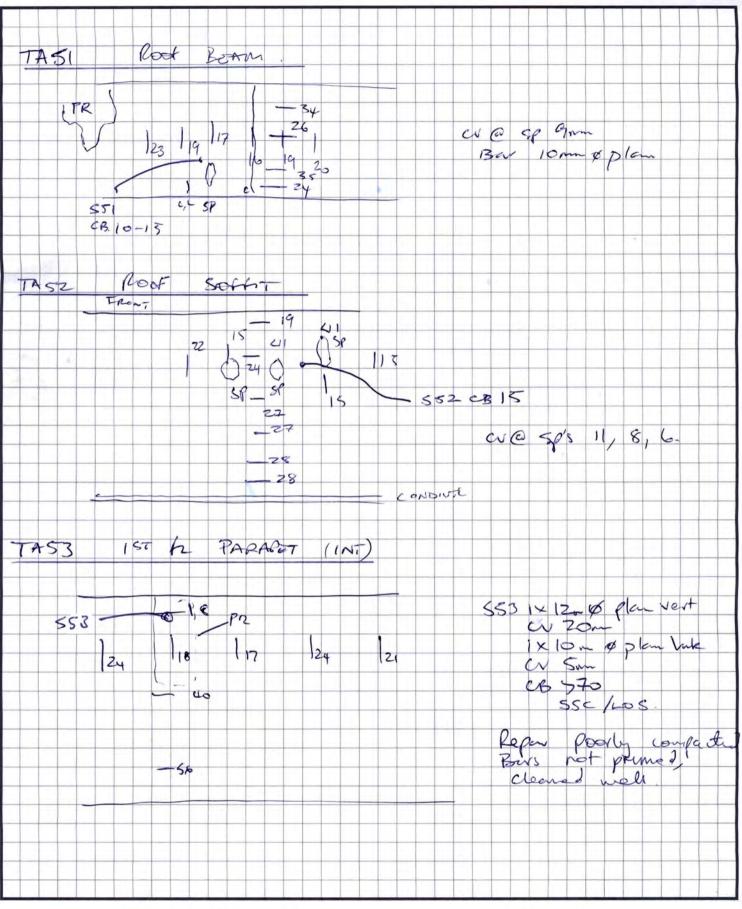
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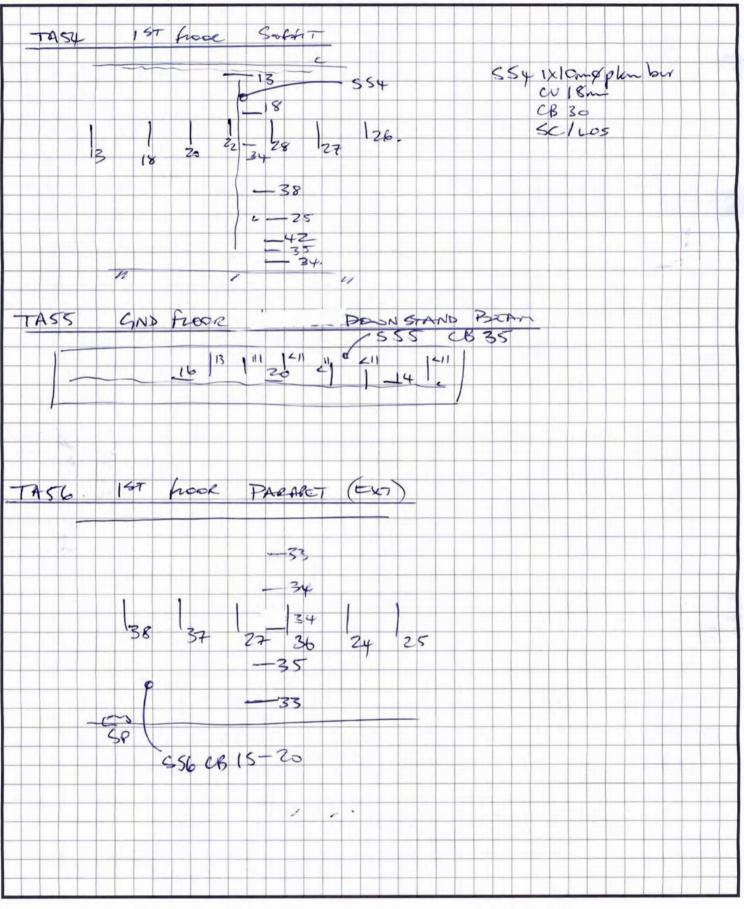
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TA48 137 From		
47	45 50 50 49 46 9 1	wall thickness
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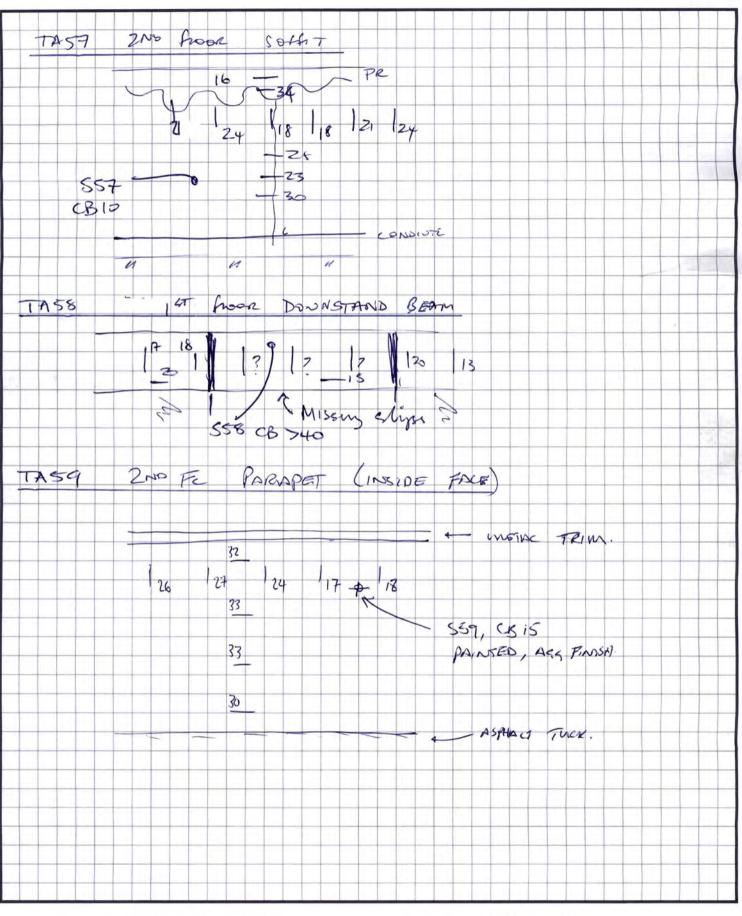
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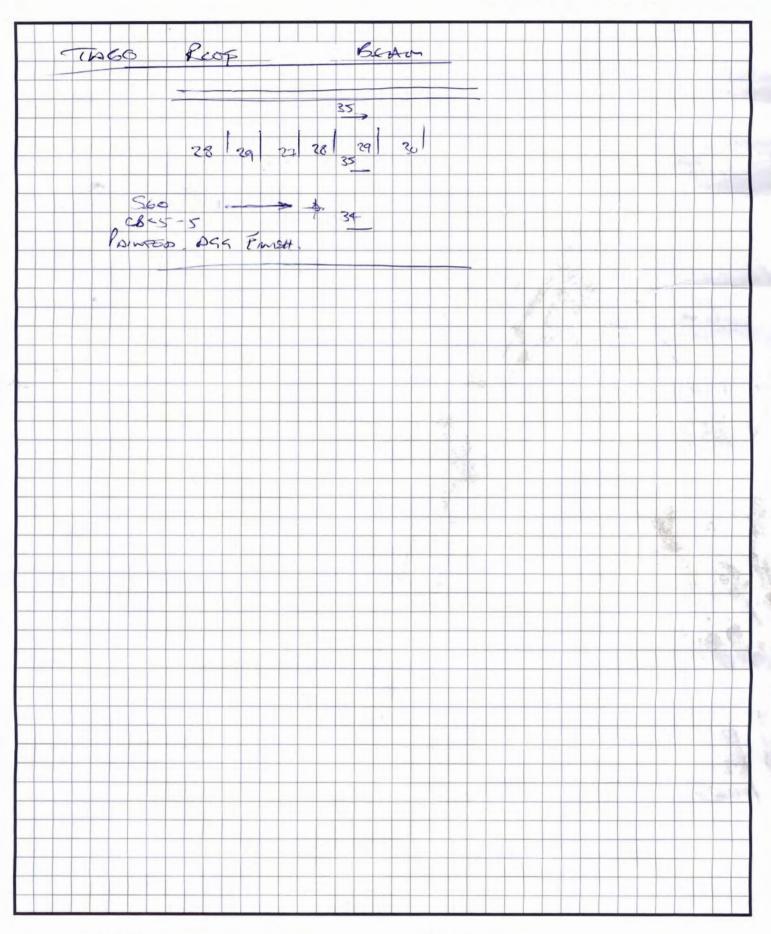
Project TUSTIN ESTATE	Location TASI -S3 VENTIMERE HSE
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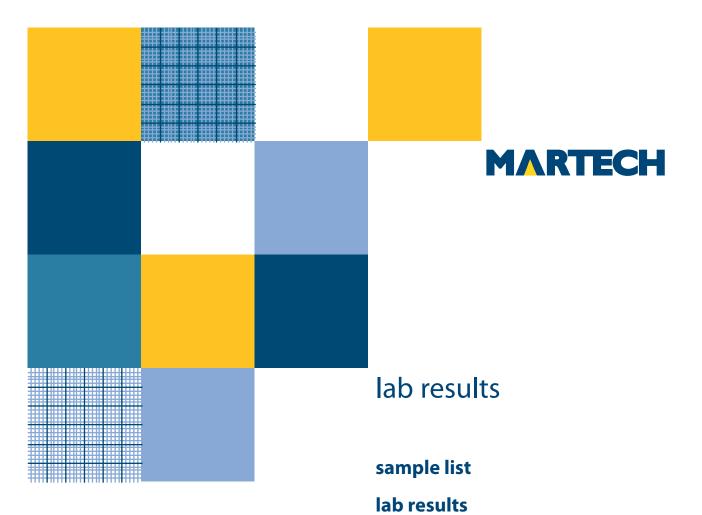
Project VSTAN ESTATE	Location TASY-SG KENTMERE 1+CE
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Project TUSTIN ESTATE	Location TAST - 59 KENT MERE ITS
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Project	Location
Project	TA60
	KEOTTMERS HOUSE
Date	
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Sample List – Tustin Estate, Southwark

Sample	Test Area	Element/Location	
		Hill Beck Close	
S1	1	Ground PC Panel	
S2	2	1st Floor PC Panel	
S3	3	Roof PC Panel	
S4	4	Roof PC Panel	
S5	5	Ground PC Panel	
S6	6	1 st Floor PC Panel	
		Ullswater House	
S7	7	1 st Floor PC Panel	
S8	8	Ground PC Panel	
S9	9	Roof PC Panel	
S10	10	Ground PC Panel	
S11	11	1 st Floor PC Panel	
S12	12	Roof PC Panel	
		Manor Grove	
S13	13	1st Floor Window Header	
S14	14	Link Bridge Soffit	
S15	15	Door Header	
S16	16	Link Bridge Edge	
S17	17	Door Header	
S18	18	Door Header	
S19	19	Link Bridge Soffit	
S20	20	Link Bridge Edge	
S21	21	Door Header	
S22	22	Window Header	
		1-98 Heversham House	
S23	23	Ground Floor Lift Tower Wall	
S24	24	2 nd Floor Soffit @ Stairs	
S25	25	1 st Floor Lift Tower Wall	
S26	26	4 th Floor Walkway Upstand	
S27	27	4 th Floor Column	
S28	28	4 th Floor Walkway Upstand	
S29	29	5 th Floor Soffit	
S30	30	2 nd Floor Walkway Upstand	
S31	31	3 rd Floor Soffit	
S32	32	2 nd Floor Column	
S33	33	3 rd Floor Soffit Walkway	
S34	34	1 st Floor Slab Edge	
S35	35	1 st Floor Soffit	
S36	36	Ground Floor Column	

Sample List – Tustin Estate, Southwark (Cont'd)

Sample	Test Area	Element/Location	
		Bonness House	
S37	37	Roof/Tank Room Soffit	
S38	38	3 rd Floor Column	
S39	39	4 th Floor Edge Beam	
S40	40	4 th Floor Slab Edge	
S41	41	3 rd Floor Column	
S42	42	Stair Tower Roof Soffit	
S43	43	3 rd → 2 nd Stair Spine Wall	
S44	44	3 rd Floor Soffit	
S45	45	1 st Floor Column	
S46	46	2 nd Floor Slab Edge	
S47	47	2 nd Floor Edge Beam	
S48	48	1 st Floor Wall	
S49	49	2 nd /1 st Stair Soffit	
S50	50	Ground Floor Column	
		Kentmere House	
S51	51	Roof Beam	
S52	52	Roof Soffit	
S53	53	1 st Floor Parapet	
S54	54	1 st Floor Soffit	
S55	55	Ground Floor Downstand Beam	
S56	56	1 st Floor Parapet	
S57	57	2 nd Floor Parapet	
S58	58	1 st Floor Downstand Beam	
S59	59	2 nd Floor Parapet	
S60	60	Roof Beam	



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CERTIFICATE of ANALYSIS

Tustin Estate, Southwark Chloride content of concrete samples

Date received 13 December 2019

Mass received 10 to 53 g

Type of sample concrete dust and lumps Date of analysis 17 December 2019 Method of testing B.S.1881:Part 124:2015.

Sample ref.	Client's ref.	Chloride content % by mass of	
		sample	cement
16969	S1	0.03	0.23
16970	S2	0.04	0.27
16971	S3	0.05	0.34
16972	S4	0.02	0.17
16973	S5	0.02	0.14
16974	S6	0.01	0.08
16975	S7	0.04	0.28
16976	S8	0.03	0.19
16977	S9	0.09	0.66
16978	S10	0.02	0.18
16979	S11	0.04	0.20
16980	S12	0.04	0.30
16981	S13	0.05	0.35
16982	S14	0.11	0.80
16983	S15	0.02	0.13
16984	S16	0.04	0.27
16985	S17	0.03	0.23
16986	S18	0.02	0.1
16987	S19	0.05	0.33
16988	S20	0.03	0.22
16989	S21	0.04	0.3
16990	S22	0.03	0.24

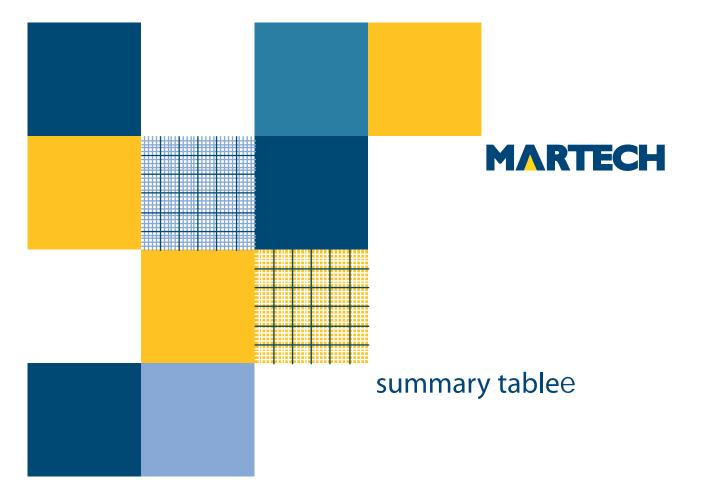
Sample ref.	Client's ref.	Chloride content					
		% by mo	iss of				
		sample	cement				
16991	S23	0.02	0.11				
16992	S24	0.02	0.15				
16993	S25	0.02	0.13				
16994	S26	0.02	0.17				
16995	S27	0.04	0.31				
16996	S28	0.02	0.12				
16997	S29	0.02	0.16				
16998	S30	0.02	0.14				
16999	S31	0.02	0.13				
17000	S32	0.05	0.37				
17001	S33	0.01	0.11				
17002	S34	0.03	0.19				
17003	S35	0.03	0.21				
17004	S36	0.04	0.27				
17005	S37	0.01	0.08				
17006	S38	0.03	0.20				
17007	S39	0.03	0.23				
17008	S40	0.01	0.08				
17009	S41	0.02	0.18				
17010	S42	0.01	0.04				
17011	S43	0.01	0.10				
17012	S44	< 0.01	< 0.01				
17013	S45	0.02	0.17				
17014	S46	0.02	0.12				
17015	S47	0.02	0.13				
17016	S48	0.03	0.20				
17017	S49	0.01	0.04				
17018	S50	0.04	0.29				
17019	S51	0.04	0.27				
17020	S52	0.04	0.28				
17021	S53	0.01	0.09				
17022	S54	0.01	0.06				
17023	S55	0.01	0.04				
17023	S56	0.04	0.28				
17024	S57	0.05	0.33				
17025	S58	0.03	0.22				
17020	S59	0.05	0.34				
17027	S60	0.02	0.13				

Note: 14 % cement content was assumed for the calculations. Results relate to the samples received.

End of results

Dr Ian Girling CChem MRSC

Quality Manager





to select the section you require, please click on the relevant heading

Summary of Test Results for Manor Grove, Tustin Estate - 19130

Element	Dept	h of Carbon (mm)	ation	Chloride Content (%) *					
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
Headers	20	63	45	<5	15	7	0.13	0.35	0.24
Link Bridge Soffit	20	50	36	5	25	15	0.33	0.80	0.57
Link Bridge Slab Edge	15	70	42	5	10	7	0.22	0.23	0.23

^{*}Chlorides calculated assuming a cement content of 14%.

Summary of Test Results for Kentmere House, Tustin Estate - 19130

Element	D	epth of Cov (mm)	er	Dept	h of Carbon (mm)	ation	Chloride Content (%) *			
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	
Roof Beam	9	35	26	<5	15	8	0.18	0.27	0.23	
Soffit	6	42	22	10	30	18	0.06	0.33	0.22	
Downstand Beam	11	20	14	35	40	38	0.04	0.22	0.13	
Parapet	5	56	28	15	15 70 30			0.34	0.24	

^{*}Chlorides calculated assuming a cement content of 14%.

Summary of Test Results for Heversham House, Tustin Estate - 19130

Element	D	epth of Cov (mm)	er	Dept	h of Carbor (mm)	nation	Chloride Content (%) *			
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	
Lift Tower Wall	20	43	33	<5	25	13	0.11	0.13	0.12	
Soffit	11	41	23	10	30	18	0.11	0.21	0.15	
Walkway Upstand	33	55	43	10	>50	21	0.12	0.17	0.14	
Column	29	67	46	10	25	17	0.12	0.37	0.25	
Slab Edge	13	31	23	5	10	8	n/a	0.19	n/a	

^{*}Chlorides calculated assuming a cement content of 14%.

Summary of Test Results for Bownes House, Tustin Estate - 19130

Element	D	epth of Cov (mm)	er	Dept	h of Carbor (mm)	nation	Chloride Content (%) *			
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	
Soffit	15	37	25	<5	5	4	<0.01	0.08	0.05	
Column	10	70	40	<5	30	12	0.17	0.29	0.21	
Edge Beam	<12	25	18	<5	5	4	0.13	0.23	0.18	
Slab Edge	13	61	28	<5	15	10	0.08	0.12	0.10	
Stair Soffit	13	42	28	5	15	10	0.04	0.04	0.04	
Stair Wall	18	50	35	20	40	30	0.10	0.20	0.15	

^{*}Chlorides calculated assuming a cement content of 14%.

Summary of Test Results for Ullswater House, Tustin Estate - 19130

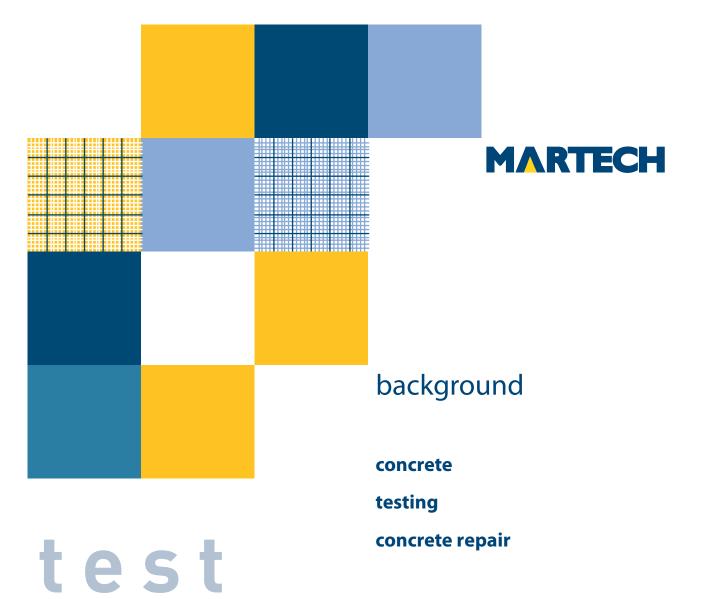
Element	D	epth of Cov	er	Dept	h of Carbor	ation	Chloride Content				
		(mm)			(mm)		(%) *				
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean		
PC Panels	20	62	38	<5	10	6	0.18	0.66	0.31		

^{*}Chlorides calculated assuming a cement content of 14%.

Summary of Test Results for Hill Beck Close, Tustin Estate - 19130

Element	D	epth of Cov	er	Dept	h of Carbor	ation	Chloride Content				
		(mm)			(mm)		(%) *				
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean		
PC Panels	16	68	38	<5	10	6	0.08	0.34	0.21		

^{*}Chlorides calculated assuming a cement content of 14%.



report

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M concrete

Concrete is a highly alkaline substance and it is this alkalinity that protects the reinforcement from corrosion, despite the almost inevitable simultaneous presence of oxygen and moisture - the fuel of corrosion. The air around us is however relatively acidic, mainly by virtue of the carbon dioxide content, and tends to neutralise any concrete it comes into contact with gradually from the surface inwards. A chemical reaction takes place in which alkaline hydroxide compounds are converted into carbonate compounds - hence carbonation.

Were the carbonation front to reach the reinforcement, the protective passive layer around the bars maintained by alkalinity would be lost and active corrosion would ensue. This occurs in the form of microcell corrosion, or generalised surface corrosion, which leads to latent (or incipient) damage, and later to the classic symptoms of reinforcement corrosion - cracking and spalling of the cover concrete. For this reason the steel should have adequate cover (say 40 mm+) when built.

The presence of free chlorides in significant quantities can lead to localised breakdown of the passive layer on reinforcement, often in otherwise sound alkaline concrete, which results in intensive localised pitting corrosion of the steel. This is often termed macrocell corrosion, and can occur irrespective of cover. This form of reinforcement corrosion has associated with it a considerable excess of cathode over anode area, and corrosion rates can be relatively high. Care is needed in the rare situations where the oxygen supply to the steel is limited, as a non-expansive form of corrosion (black rust) can occur, which could ultimately lead to dissolution of the steel in the absence of the usual surface manifestations.





Visual Observations

Pertinent observations on the structure are generally recorded on a brief overall visual assessment, mainly on a walk around survey of accessible areas, supplemented by areas accessed during the course of the detailed testing.

Covermeter Survey

A representative portion of each detailed test area is generally subject to a covermeter survey, which measures the concrete cover, in millimetres, over the reinforcing steel. Measurements were carried out in general accordance with BS1881: Part 204.

The instrument used by us is an Elcometer 331, ProfoScope or Kolectric Micro Electronic Covermeter. In order to obtain precise results exact bar sizes need to be known or assessed, otherwise small errors in cover readings can result. This effect is however, much more marked with shallow depths of cover concrete, where there can be evidence of correct bar sizes. Multiple, parallel or intersecting bars, give incorrect readings unless identified and avoided, or adjusted for.

Carbonation Testing

The depth of carbonation of the concrete is generally assessed and measured in situ in all detailed test areas. This is carried out in general accordance with BRE recommendations, from information paper IP 6/81. We always carry out the test on freshly broken concrete surfaces, as it is our opinion that this gives the most accurate results. The broken surface is blown clean and sprayed with phenolphthalein indicator solution. The solution gives a vivid pink coloration on sound alkaline concrete, with no colour change on carbonated surfaces, which merely look wet.

The mean depth of carbonation is measured, within 30 seconds of spraying, as the distance from the concrete surface to the boundary of the uncoloured zone.

It is important to record any slow development of colour, or creep back of coloration towards the surface of the concrete, as either condition can be indicative of partially carbonated concrete.



Concrete Dust Sampling

Concrete dust samples are generally collected in the detailed test areas for laboratory analysis in respect of chloride content, plus in some instances sulfate and cement content. The samples are drilled using a heavy duty rotary-percussive drill and 20 mm bit from at least two holes per location, with the first 5 mm of sample from each hole discarded as being non representative. Sampling is carried out in general accordance with BRE recommendations, from information paper IP 21/86.

If the location of the structure is such that any chloride present in the concrete is likely to have been cast-in at the time of construction, the samples are obtained in single increments of 5-50mm.

Conversely the location and nature of the structure could be such that chloride is likely to have ingressed the concrete, from an external source, and subsequent to construction. In this instance the samples are collected in 3no. separate depth increments of 5-25, 25-50 and 50-75mm, and suffixed A, B, and C respectively.

The nature of a car park structure is such that chloride is likely to have ingressed the deck concrete surfaces, from vehicular traffic bringing in deicing salts. The samples on these elements are therefore collected in 3no. separate depth increments of 5-25, 25-50 and 50-75mm, and again suffixed A, B, and C respectively. The other concrete elements on car park structures are generally such that any chloride present in the concrete is likely to have been cast-in at the time of construction. The samples in these areas are therefore obtained in single increments of 5-50mm.

Dust samples for chloride, sulfate, and cement content analyses are generally collected in plastic sample bags, labelled appropriately, and submitted to a UKAS accredited laboratory for analysis, in accordance with BS1881: Part 124.

Concrete Core Sampling

Concrete core samples, when required, are generally collected in a number of test areas, for submission to the laboratory for further analyses.

A UKAS accredited laboratory can be requested to analyse the cores in respect of a description and photograph, prior to compressive strength testing in accordance with BS1881: Part 120.

In addition a specialist laboratory can be requested to analyse the cores via petrographic techniques. This involves the vacuum impregnation of core slices with fluorescent resin, which are then further prepared. Generally polished slices are prepared for observation under a relatively low powered microscope. They also prepare thin section microscopy slides, in which a small but representative sub-sample of the concrete,



often including the surface, is glued onto a glass slide. The concrete is then ground down until translucent and examined under a high-powered specialist petrological microscope.

This process enables exact detail of aggregate types, cement types, original mix, and so forth to be determined, but also details of all chemical changes, cracking and deterioration to be recorded. Photomicrographs at various magnifications are normally provided.

Corrosion Potential Measurements

Each detailed test area of 2 or 4m² or so, or a whole element such as a car park deck, can be subject to corrosion potential measurements, also referred to as half-cell testing. Essentially this technique measures the electrical potential of the reinforcement in the concrete, in millivolts (mV), via a surface applied instrument coupled to a high impedance multimeter.

The measurements are generally carried out on every node of a 0.5m or 1.0m orthogonal grid, generally employing a Copper/Copper Sulfate half-cell.

Corrosion of the reinforcement is an electrical phenomenon, with a build up of electrical potential in corroding or anodic areas, and a negative charge by convention on the affected portion of steel.

The presence of chlorides, where associated with loss of passivation, results in the development of very active corrosion cells, often with intense localised pitting of the reinforcement.

Our corrosion potential measurements are carried out in general accordance with ASTM C-876, Standard Test Method for Half-Cell Potentials of Uncoated Reinforcing Steel in Concrete. We do however recognise that the method only gives corrosion potentials, i.e. the probability of corrosion occurring, as opposed to rates; and it must be understood that the method is empirical, or qualitative.

We additionally recognise that the given parametric criteria really only apply to an external chloride contaminated concrete. Any other application will require fresh criteria to be established by visual correlation.

Exploratory Breaking Out

In selected detailed test areas exploratory breakouts are generally made in order to gain further knowledge of reinforcement condition, and other detail.

This also allows correlation of other test data, and in particular physical checks on reinforcement size, plus of course correct measured concrete cover. Surface corrosion condition of the reinforcement is always recorded.



M concrete repair

The concrete remediation and corrosion control process must generally ensure that the concrete becomes stable and the reinforcement passive. Clearly the original condition of the now deteriorated concrete was such that failures have occurred well within the designers projected life for the structure.

Successful concrete repair involves the treatment and control of all corrosion on the reinforcement, i.e. all the latent (or hidden), as well as the visible deterioration identified. It is not unusual for the latent damage element to be considerably more extensive than the visible damage.

Having identified the exact nature and the true extent of the corrosion problem, a method of concrete remediation and corrosion control must be arrived at by reference to BS DD ENV 1504: Part 9:1997, the European standard for concrete repair. This is done in accordance with the clients wishes and expectations as regards issues such as: life expectancy of the repair, life expectancy of the structure, intended use, as well as issues regarding cost and funding, in conjunction with the frequency and number of repair cycles desired. There is nowadays no reason why a durable repair should not be achieved straight away in the majority of cases.

The European Standard lists eleven repair principles, of which five are specifically related to reinforcement corrosion, as opposed to defects in concrete, and these five are as follows:

Principal 7 [RP]	Preserving or Restoring Passivity
i i iiicipui / [ixi]	Treserving of Restoring russivity

This involves creating conditions in which the surface of the reinforcement is maintained or is returned to a passive condition. This can be achieved via additional cover, replacing contaminated or carbonated concrete, or electrochemical remediation of concrete.

Principal 8 [IR] Increasing Resistivity

This involves increasing the electrical resistivity of the concrete, for instance by limiting moisture content via surface treatments, coatings or sheltering.

Principal 9 [CC] Cathodic Control

This involves creating conditions in which cathodic areas of reinforcement cannot drive an anodic reaction. It may be achieved by limiting oxygen content by saturation or surface coating.

Principal 10 [CP] Cathodic Protection

This involves corrosion control via the establishment of an external anode, and may be via an applied current (ICCP) or by galvanic means (GCP). The method is dealt with by BS EN 12696: 2000, Cathodic Protection of Steel in Concrete.

Principal 11 [CA] Control of Anodic Areas



This involves creating conditions in which anodic areas of reinforcement are not able to take part in the corrosion reaction. It may be achieved by coating the reinforcement or applying corrosion inhibitors to the concrete.

General Note

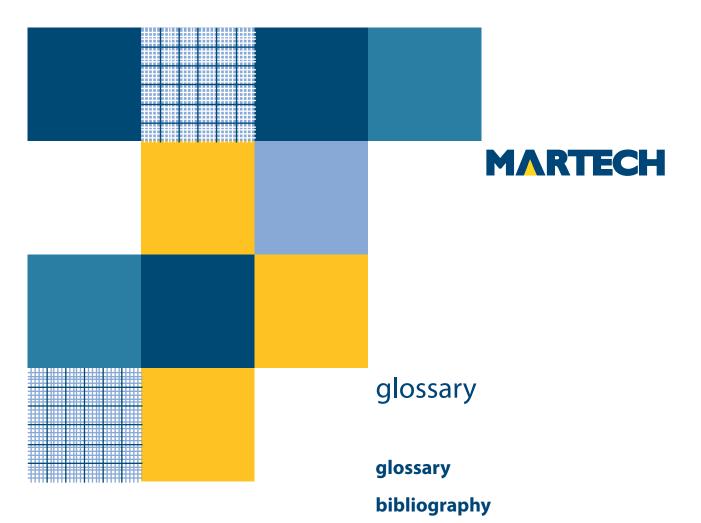
The above is not reproduced verbatim from the standard, it is our précis. It is noted in the standard that the inclusion of methods does not imply their approval, and that the methods may make use of products or systems not covered by the EN 1504 series.

The principals are listed in full for completeness, some are rarely, if ever, used by UK concrete repair contractors.

The full range of successful concrete repair and remediation techniques that may be employed in corrosion control, are best viewed as a toolbox, and one must seek to select and apply techniques appropriate to the various parts of the structure, having given consideration to specific client requirements and expectations.

It is usual in concrete repair for a coating to be applied to the carefully repaired and prepared surface, being free of blowholes and other surface defects, which resists further carbonation, and the ingress of aggressive agents. It is often preferable for this product to be elastomeric and durable.

In our opinion the preferred route forward, in procuring the necessary repair services, is in the formation of partnerships and term contracts with a suitable contractor. It is important to seek a satisfactory outcome for all parties, in which the client's needs and wishes are fully encompassed. Negotiation and Construction Partnering, as advocated in the Egan Report, should really take a preference over the traditional method of competitive tendering, which in the final analysis can only serve to reduce every aspect of a job to its lowest common denominator.



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M common terms

HEALTH CHECK

It is important to treat concrete to an occasional health check or MOT like one would a vehicle. Whilst properly designed and built concrete might be considered to be maintenance free, it is in practice an extremely rare commodity.

Just like other components of a structure the concrete should be periodically examined by an expert and if necessary subjected to a program of testing.

This would often include at least a detailed visual examination, aswell as tests for cover depth, carbonation, chlorides, and could possibly also include tests for HAC, sulfates, ASR and any other tests deemed necessary.

COVER DEPTH

This is a term applied to the depth or thickness of concrete over the layers of reinforcing steel that are closest to the exposed surface. It is important that this parameter is appropriate to the concrete quality and the degree of exposure of the concrete, in order in particular to prevent carbonation from reaching the steel.

In UK construction it is historically not uncommon for inappropriate cover to result from poor standards of design and/or build. Shallow covers lead to early deterioration.

PASSIVATION

This is a term that is applied to the protection of reinforcing steel in concrete by the high alkalinity of concrete as cast. This alkaline environment supports a film of passive oxides on the steel, which, despite the almost inevitable simultaneous presence of oxygen and moisture prevents reinforcement corrosion.

CARBONATION

Concrete as cast is highly alkaline which affords the reinforcing steel corrosion protection. The atmosphere around us, mainly by virtue of the carbon dioxide content, is slightly acidic which tends to neutralize the concrete from the surface inwards. This is the natural weathering process of concrete and is termed *carbonation*.

The carbonation process in no way harms concrete, in fact in many ways it enhances the physical properties, but it does reduce the high alkalinity that results in a loss of passivation, should the process reach the steel.

This in effect means that active corrosion of the steel will ensue with the all too familiar signs of corrosion in the form of cracking, spalling, and physical distress to the concrete cover.

The process of carbonation progresses into concrete as a somewhat irregular front, as concrete is not truly homogenous, in approximate reverse exponential advance in relation to time, at a true rate dependant upon concrete quality.

CHLORI DES

Chlorides in concrete are present either because they were *cast in* at the time of construction or because they have *ingressed* the concrete after construction.

Cast in chlorides tend to be present in the UK historically in precast concrete construction where they are derived from the use of calcium chloride based accelerating admixtures commonly used in the 1960's. They could also of course be present due to contaminated ingredients, such as for instance marine dredged aggregates. This form of chloride contamination tends to combine with the hydration products of cement, and hence tends to exist in a substantially chemically bound condition.

Ingressed chlorides can be present from a variety of sources such as deicing salts on trafficked surfaces, spray and leakage of deicing salts, marine environments, salt laden air in coastal areas, aswell as influences such as industrial processes. This form of chloride contamination tends to be present in a free ion form. The amount of chloride present in concrete from external contamination is ever increasing with time, as is the depth of penetration.

It should be noted that it is the *free* chloride ion content of concrete that dictates the vulnerability to chloride attack. The mechanism of attack is the localized break down of the passivation of the steel, which leads to often intensive pitting corrosion. It is not possible to easily specify a limiting chloride content below which corrosion will not be initiated, as there are so many other factors to take into consideration.

CARBONATION AND CHLORIDES

The process of carbonation in a concrete containing chlorides is potentially much more serious. This occurs because the carbonation process effectively releases the chemically bound chloride leaving it free to attack the reinforcing steel. It can be seen that the carbonation can thus be a trigger for chloride attack. This form of chloride attack frequently occurs just ahead of the carbonation front.

SUI FATES

The presence of sulfates in above ground concrete construction in the UK is most frequently due to external contamination such as industrial sources. In sufficient quantity sulfates break down the binding qualities of cement by chemical attack, which will ultimately result in a dangerous loss of strength.

HIGH ALUMINA CEMENT

This HAC form of cement differs from ordinary portland cement (OPC) in that it has a higher alumina content. This results in cement that sets much more quickly, a property that was historically exploited in the manufacture of precast concrete construction in the UK.

It has more recently come to light that under certain conditions of temperature and moisture this type of cement undergoes certain chemical changes, often termed *conversion*, which results in a drastic and often unacceptable loss of strength. Some degree of, if not total conversion, tends to be the norm in UK HAC.

ALKALI SILICA REACTION

This is a form of alkali aggregate reaction, which was seized upon by the non-specialist press in the UK when it first came to prominence, and commonly termed concrete cancer by them. It is ironically only really found in limited geographical areas, most frequently in parts of the southwest and midlands.

The reaction requires a particular combination of cement and aggregate properties to coexist to trigger it, and consists essentially of a chemical attack on the aggregate leading to the formation of an expansive gel, which in sufficient quantity can disrupt the concrete matrix. The reaction is very much moisture dependant and frequently has a finite life.

Ironically there have been less than a handful of notorious cases in the UK, which have required demolition. The reaction is by no means common and can frequently be controlled by elimination of moisture. It is

sometimes found microscopically that a degree of the reaction is present in a minor way, which may need some preventative measure.

It is however fairly common in UK aggregates to find types present in concrete under petrographic examination which are said to be classified as potentially reactive with alkali. This is not normally a cause for concern unless the reaction itself is observed to any significant degree.

MECHANICAL DAMAGE

Mechanical or physical damage to concrete is commonly seen due to vehicular or industrial plant impact. It could however include abrasion. On some precast concrete one can find physical damage, particularly on corners, as a result of erection damage.

This kind of damage requires to be treated like a proper concrete repair, particularly where the reinforcement has become exposed. It is also important to ensure that any repair includes protection from renewed damage.

FROST DAMAGE

This kind of damage is seen frequently on very exposed and often saturated components of concrete construction. It manifests itself in the form of lots of pop outs on a generally friable surface, often also including lineations of calcareous deposits. It is important to deal with these situations and install preventative measures.

LEAKAGE

Signs of leakage through concrete often manifest themselves in the form of calcareous deposits and stalactites, frequently on cracks in soffits. In the long term, particularly if salts are present, this can lead to significant durability problems. The continuous saturation and passage of water through concrete can lead to undesirable chemical changes. It is therefore important to deal with these situations and install remedial measures.

FIRE DAMAGE

The effects of fire upon a concrete surface will vary greatly dependant upon the proximity of the fire, the heat, and the physical qualities of the concrete. On the one hand the effects can be limited to severe soot contamination but on the other hand to extensive and deep physical damage.

The main effect of exposure of concrete to fire is the differential expansion of the constituent parts leading to physical distress. This can range from surface pop outs over aggregate particles, to a friable surface, to spalling,

and ultimately possibly even to the permanent deformation of any exposed reinforcing steel. It is common for the surface layer of exposed concrete to exhibit a discoloration to pink, but this is dependent upon temperature reached.

Most frequent repair is in the form of removal of all loose, friable, and discolored concrete followed by reinstatement in an appropriate manner.

Bowness House

Components	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Conc Repair Sub Contractor Prelims	11,651	0	0	0	0	0	0	8,882	0	0	20,533
Access - See Hunters Scaffolding costs	0	0	0	0	0	0	0	0	0	0	0
Water Jet Prep	3,975	0	0	0	0	0	0	0	0	0	3,975
Concrete Survey inc HT	1,590	0	0	0	0	0	0	0	0	0	1,590
Concrete Repairs	5,400	0	0	0	0	0	0	0	0	0	5,400
Porefiller/Fairing Coat	15,901	0	0	0	0	0	0	0	0	0	15,901
Corrosion Inhibitors	15,901	0	0	0	0	0	0	0	0	0	15,901
Anti-Carbonation Coatings	11,926	0	0	0	0	0	0	0	0	0	11,926
10 yearly inspection	0	0	0	0	0	3,000	0	3,000	0	3,000	9,000
20 yearly clean & re-coat	0	0	0	0	0	0	0	54,326	0	0	54,326
Sub Total	66,344	0	0	0	0	3,000	0	66,208	0	3,000	138,552

Costs exclusive of Principle Contractors prelims, Professional fees and VAT

Heversham House

Components	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Conc Repair Sub Contractor Prelims	23,338	0	0	0	0	0	0	16,739	0	0	40,077
Access - See Hunters Scaffolding costs	0	0	0	0	0	0	0	0	0	0	0
Water Jet Prep	9,192	0	0	0	0	0	0	0	0	0	9,192
Concrete Survey inc HT	3,677	0	0	0	0	0	0	0	0	0	3,677
Concrete Repairs	5,700	0	0	0	0	0	0	0	0	0	5,700
Porefiller/Fairing Coat	36,769	0	0	0	0	0	0	0	0	0	36,769
Corrosion Inhibitors	36,769	0	0	0	0	0	0	0	0	0	36,769
Anti-Carbonation Coatings	27,577	0	0	0	0	0	0	0	0	0	27,577
10 yearly inspection	0	0	0	0	0	3,000	0	3,000	0	3,000	9,000
20 yearly clean & re-coat	0	0	0	0	0	0	0	102,377	0	0	102,377
Sub Tota	143,022	0	0	0	0	3,000	0	122,116	0	3,000	271,138

Costs exclusive of Principle Contractors prelims, Professional fees and VAT

Kentmere Houses

Components	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Conc Repair Sub Contractor Prelims	12,551	0	0	0	0	0	0	7,873	0	0	20,424
Access - See Hunters Scaffolding costs	0	0	0	0	0	0	0	0	0	0	0
Water Jet Prep	5,610	0	0	0	0	0	0	0	0	0	5,610
Concrete Survey inc HT	2,244	0	0	0	0	0	0	0	0	0	2,244
Concrete Repairs	3,700	0	0	0	0	0	0	0	0	0	3,700
Porefiller/Fairing Coat	22,442	0	0	0	0	0	0	0	0	0	22,442
Corrosion Inhibitors	22,442	0	0	0	0	0	0	0	0	0	22,442
Anti-Carbonation Coatings	16,831	0	0	0	0	0	0	0	0	0	16,831
10 yearly inspection	0	0	0	0	0	3,000	0	3,000	0	3,000	9,000
20 yearly clean & re-coat	0	0	0	0	0	0	0	48,151	0	0	48,151
Sub Tota	al 85,820	0	0	0	0	3,000	0	59,024	0	3,000	150,844

Costs exclusive of Principle Contractors prelims, Professional fees and VAT

Hillbeck Houses

Components	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Conc Repair Sub Contractor Prelims	7,050	0	0	0	0	0	0	5,368	0	0	12,418
Access - See Hunters Scaffolding costs	0	0	0	0	0	0	0	0	0	0	0
Water Jet Prep	4,278	0	0	0	0	0	0	0	0	0	4,278
Concrete Survey inc HT	1,711	0	0	0	0	0	0	0	0	0	1,711
Concrete Repairs	600	0	0	0	0	0	0	0	0	0	600
Porefiller/Fairing Coat	17,112	0	0	0	0	0	0	0	0	0	17,112
Corrosion Inhibitors	17,112	0	0	0	0	0	0	0	0	0	17,112
Anti-Carbonation Coatings	12,834	0	0	0	0	0	0	0	0	0	12,834
10 yearly inspection	0	0	0	0	0	3,000	0	3,000	0	3,000	9,000
20 yearly clean & re-coat	0	0	0	0	0	0	0	32,834	0	0	32,834
Sub Tota	I 60,697	0	0	0	0	3,000	0	41,202	0	3,000	107,899

Costs exclusive of Principle Contractors prelims, Professional fees and VAT

Ullswater House

Components		Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Conc Repair Sub Contractor Prelims		12,435	0	0	0	0	0	0	9,049	0	0	21,484
Access - See Hunters Scaffolding costs		0	0	0	0	0	0	0	0	0	0	0
Water Jet Prep		5,115	0	0	0	0	0	0	0	0	0	5,115
Concrete Survey inc HT		2,046	0	0	0	0	0	0	0	0	0	2,046
Concrete Repairs		200	0	0	0	0	0	0	0	0	0	200
Porefiller/Fairing Coat		20,460	0	0	0	0	0	0	0	0	0	20,460
Corrosion Inhibitors		20,460	0	0	0	0	0	0	0	0	0	20,460
Anti-Carbonation Coatings		15,345	0	0	0	0	0	0	0	0	0	15,345
10 yearly inspection		0	0	0	0	0	3,000	0	3,000	0	3,000	9,000
20 yearly clean & re-coat		0	0	0	0	0	0	0	55,345	0	0	55,345
	Sub Total	76,061	0	0	0	0	3,000	0	67,394	0	3,000	149,455

Costs exclusive of Principle Contractors prelims, Professional fees and VAT

Manor Grove - Rented Houses Only

Components	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Conc Repair Sub Contractor Prelims	4,110	0	0	0	0	0	0	3,487	0	0	7,597
Access - Covered by Main Report preliminaries	0	0	0	0	0	0	0	0	0	0	0
Water Jet Prep	1,109	0	0	0	0	0	0	0	0	0	1,109
Concrete Survey inc HT	444	0	0	0	0	0	0	0	0	0	444
Concrete Repairs	2,500	0	0	0	0	0	0	0	0	0	2,500
Porefiller/Fairing Coat	4,437	0	0	0	0	0	0	0	0	0	4,437
Corrosion Inhibitors	4,437	0	0	0	0	0	0	0	0	0	4,437
Anti-Carbonation Coatings	3,327	0	0	0	0	0	0	0	0	0	3,327
10 yearly inspection	0	0	0	0	0	3,000	0	3,000	0	3,000	9,000
20 yearly clean & re-coat	0	0	0	0	0	0	0	21,328	0	0	21,328
Sub To	tal 20,364	0	0	0	0	3,000	0	27,815	0	3,000	54,179

Costs exclusive of Principle Contractors prelims, Professional fees and VAT

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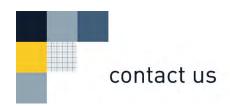
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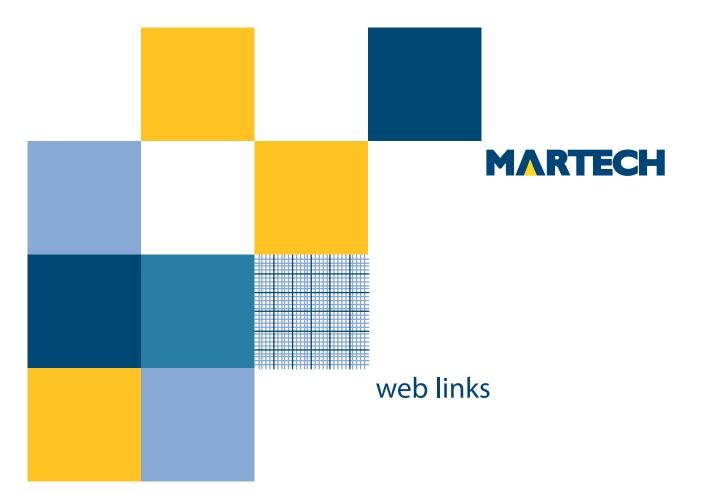
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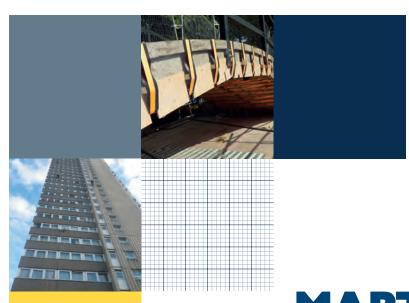
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Appendix F

MCCE Limited –

Mechanical and Electrical Reports

The following block reports were presented as part of the draft report in February 2020.

As part of the ongoing development of the options appraisal exercise, MCCE Limited have been asked to reassess their work to take account of the installation of SELCHP in 2023/24 and to reflect any changes to the costs as an addendum to the original survey.

The original report is included in this appendix. Where SELCHP influences the original costs an addendum sheet with a revised cashflow is included under each individual block report. These revised costs are also reflected in the Hunters summary and block cashflows.





Condition Report of the Building Services Installation.

Bowness House - Tustin Estate.

Prepared by MCCE on behalf of Hunter & Partners for Southwark Council

31st January 2020



MCCE

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CONFIDENTIAL
Project No: 001/0135
Version No: 4

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1. Introduction

1.1 Background

Bowness House was built 1968 by Southwark Council and forms part of the Tustin Estate. The building has evidence of some refurbished within the last 10-20 years to a number of mechanical and electrical services.

Bowness House consists of 5 storeys containing 34 maisonette type dwellings. The entrance is on the ground floor to the side of a number of retail units. There are two entrance levels; on the first and third floors.

The retail units have self-contained services and do not form part of this report.

1.2 **Project Brief**

The project brief from Southwark Council, relevant to MCCE's services, was to review the condition of the services and produce a works budget forecast to detail estimated costs for the future works required on the building over a 30 year period.

The building services systems condition has been estimated during the visual survey, with discussions with the incumbent engineers, the site team, Southwark Councils engineering team and using the CIBSE Indicative Economic Life Expectancy guide adjusted against our experience of services installations.

The budgets have been based on today's values for capital works only and no account has been taken for future inflation, day to day maintenance servicing or statutory inspections.

A review of the services has been made to consider the potential for extension to the buildings.

The systems reviewed are communal systems to all dwellings and the individual system within the tenanted dwellings. Individual systems within Leasehold dwellings are not reviewed within this report and have been excluded from the budgets.

Mechanical & Electrical Services covered by this report

- 1. Heating & Hot Water Services System.
- 2. Water Supply Services
- Gas Services
- Local Ventilation System
- 5. Electrical Intake and Distribution
- 6. Communal Lighting
- 7. Door Entryphone
- 8. Above Ground Drainage
- 9. Lifts/Lift Motor Room Detailed within a separate document

1.3 **Survey**

Several surveys were carried out between 30th October 2019 and early December 2019. There are 19 tenant occupied dwellings within Bowness House out of the 34 dwellings within the block. The surveys were carried out within all communal plant areas and the following dwellings:

Flat Numbers 10, 24 & 33

All services surveys were visual and subject to the accessibility to inspect. At the time of writing a further more intrusive investigation behind service risers is being considered by Southwark Council.

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2. Executive Summary

Many of the systems at the Bowness House have undergone refurbishment or replacement over the last 10 - 20 years.

Below is a summary of the condition of the systems reviewed by this report and the recommended works to each of them.

2.1 **Heating System**

The heating systems to Bowness House are individual systems served from boiler within each dwelling. Each system appears to have been installed on an as required basis as there are few similarities between system component manufacturers.

Bulk replacement of systems is not necessary as each system is independent and can be replaced or repaired as required saving both capital cost and natural resources.

It is recommended that the following works are carried out:

Heating System Works	Years	Years
Review and repair of flue systems	1	
Boilers, Radiators, HWS and dwelling pipework – Due to age.	1-10	
2 nd Replacement of Boilers – 15 years life expectancy.		16-25

2.2 Water Services

The system is formed of Galvanised Steel which appears to have been installed with the buildings construction with an anticipated life of 35 years. Sections cut for an identical building within the Tower Hamlets and in the Lambeth area show significant corrosion internally and the recommendation is that following a section slice to prove the condition that the pipework system be replaced.

Water Supply System Works	Year
Replacement of pipework & valves – Due to internal corrosion	2
Roof Storage Tanks – Due to internal corrosion	1

2.3 Gas Services

The Gas supply service is the responsibility of the gas supplier; however, the pipework distribution appears to be partially within internal risers which may not have any natural ventilation. It is recommended that the route be verified and the pipework re-routed if required. These works would be carried out by the gas supplier's team.

2.4 Ventilation System

Extract ventilation fans are fitted to the Bathroom and the Kitchen areas.

Bulk replacement of systems is not necessary as each system is independent and can be replaced or repaired as required saving both capital cost and natural resources. Our recommendation is that both fans be replaced in a dwelling when either one of the existing fans fail reducing disruption and loss of service to the resident.

Ventilation System Works	Years	Years
Fans – Replacement due to age	1-10	16-25

2.5 **Electrical Supply**

The incoming supply is as originally installed however the other electrical services appear to have undergone a refurbishment within the last 20 years. There are redundant services which appear to include wiring and we would recommend that these be removed.

Electrical System Works	Year
Incoming electric distribution	2
Rising mains & dwelling feeds	2
Dwelling consumer unit – Due to the non-compliant installation	2

2.6 **Lighting – Communal**

The communal lighting system inside the building has been replaced some 15-20 years ago. All fittings appeared operational but showing signs of aging. The external perimeter lighting are newer LED type fittings and are within 5 years old.

The recommended works have been schedule to be in-line with the electrical works as this would provide overall savings and the internal fittings have already exceeded their life expectancy. Externall the fittings still have a large proportion of their life expectancy remaining and these can be re-used but with updated wiring.

Communal Lighting System Works	Year
Wiring	2
Internal fixtures	2
External fixtures	12

2.7 **Door Entryphone**

The door entry phone system is an audio only system appears to have been installed in excess of 15 years ago with the wiring preceding that installation.

We have allowed for the immediate repair of the system where some residents are without an operational handset and this will be followed by the complete system replacement at an estimated end of life.

Door Entry System	Year
Repairs	1
Complete system replacement	5
Handset update	21-25

2.8 **Above Ground Drainage**

The main soil stacks appear to be in good condition and are unlikely to fracture as they are internally mounted. Many of the connections to the services have been altered during Kitchen and Bathroom fit-outs. However, the bathrooms and kitchens all appeared to be in need of refurbishment at which time the drain runs to the stack will be replaced.

The recommendation is for the connect to the main cast iron soil stack to be remade to all dwellings to a connection point external to the riser from which all connections can be made for future refurbishments. It has been recommended that this be carried out with the replacement of the water services as access will be required to the same rise to all dwellings.

Above Ground Drainage Works	Year
Remaking connection to stack	2

3. Mechanical Services Systems

3.1 Heating & Hot Water Services Systems

3.1.1 **Description of System**

The dwellings within Bowness House have individual gas fired boilers to provide heating and hot water. Surveying the external of the building identified that these systems were not installed at the same time indicated by the many types of flue systems emanating from the boilers.

The type of systems seen within the dwellings inspected were all system boilers with hot water cylinders. It is possible that there are also combination boiler systems that provide instantaneous hot water via the boiler installed.







Hot Water Cylinder and Header Tank

The boilers serve radiators located within each room.

The boilers surveyed were fitted with a seven day timer and there were central room thermostats and cylinder stats linked to motorised valves to control the system.

The Hot Water Service cylinder is fed by a Cold Water Feed Tank located above it. This provides the hot water system with the water pressure that flows to the taps. There is minimal distance between the cold feed tank and the hot water cylinder and all residents complained of poor water pressure.

3.1.2 **System Condition**

The boilers have been installed at different times but the radiator systems surveyed were all of a similar type and condition indicating that these were installed as part of a block replacement with the hot water cylinders and pipework systems. From our visual inspection we would estimate these to be approximately 25 years old.

Our survey noticed that some of the flues did not fully discharge in a safe manner and this has been budgeted as an immediate recommendation.



The Hot Water Services cylinders are fed by a Cold Water Feed Tank located above them. The system may provide poor pressure to the taps but has the advantage of providing each dwelling with some water storage and a local means for the open vented Hot water cylinder to expand to.

3.1.3 **Heating System Recommendations**

This section relates to main plant replacement and does not include for routine maintenance items. Below is a description of the works and how the anticipated date has been established. As with all services good maintenance is essential for extended life expectancies to be achieved. Economic life expectancy values have been taken from the CIBSE Guide M but used in conjunction with MCCE's experience and judgement following the visual survey.

Boilers

These were installed individually and are unlikely to fail together. For the purposes of the report we have allowed for the 2 systems to be replaced each year meaning that all boilers to the 19 tenanted dwellings will be replaced within the next ten years.

Replacing the heating system will also include the replacement of the associated flue system that will correct any compliance issues. However, as these may not be the systems closest to failure, we recommend the survey and repair of the flue systems in year one with a budget for four failures.

Within the budget a second replacement of boilers is listed between 16-25 years. This is for the boiler only allowing for the anticipated life expectancy of 15 year for a domestic boiler. At this stage we do not expect the rest of the system to require replacement.

Radiators, HWS Cylinders

The radiator systems and HWS cylinders appear to be of the same age across the building. System use and maintenance affects life meaning that group replacement is not necessary. We have allowed for the systems to be replaced with the boilers on the basis of two per year.

3.1.4 **Budget**

The budget below is an extract from main spreadsheet specific to the heating system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Heating System	Years 1-9	Yrs 10	Yrs 16-25
Flue review and repair for up to 4			
boilers – Year 1	£12,000		
	£24,000 /		
Boilers, HWS, Radiators and Pipework	yr	£12,000	
2 nd Replacement of Boilers – 15 years			
life expectancy.			£57,000

3.1.5 Heating Systems Potential for Extension

The heating systems are individual so should the building be extended additional systems can be installed. Any future design must not obstruct the existing flue exhausts.

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3.2 Water Services Installation

3.2.1 Water Services System Description

The water supply enters the building at ground floor level and rises up through the building with the telecoms cable riser located to the stairwell lobbies.

The pipework is behind secured access panels above the ground floor and was not visible to inspect.

The pipework serves each dwellings kitchen and rises to roof level where it feeds cold water storage tanks located above the stairwell area at the centre of the building.



The storage tanks serve local storage tanks in each dwelling that provide the cold feed to the hot water cylinders and serve the cold water outlets within the bathrooms.

The pipework is formed in Galvanised Steel.

3.2.2 Water Services System Condition

The internal condition of the pipework cannot be confirmed without cutting a section out for examination. However, galvanised pipework does corrode over time and the pipework is in excess of 50 years old. The CIBSE Guide M states that Galvanised pipework has a life expectancy of 35 years.

It is reasonable to expect the internal surfaces to be failing and any internal corrosion will start a snowball effect and cause the pipework to contaminate the pipework and water supply at an increasing rate.

The Photo is of pipework from the building MCCE are currently working on to replace the water Services pipework. This building is within the Tower Hamlets area and is of similar age. We have witnessed similar pipework conditions within the Lambeth area.



Additional evidence of galvanised steel corrosion can be found in the storage tanks which are also formed in this material.





As the Water Services are a consumable service we consider the pipework condition critical.

3.2.3 **Water Services System Condition Recommendations**

Pipework & valves

This budget covers the complete renewal of the water services pipework system from ground to roof level. Before this work is carried out a sample of the pipework should be taken to confirm the expected condition of the pipework system. This can easily be carried out during a tank replacement of which there are several likely as part of the Water Management Works.

The works are extensive and disruptive expecting to take between 6-8 months.

Access is required into all dwellings to complete the installation and it may be advisable to combine the works with other items to reduce disruption to the residents.

Cold Water Down Service Tanks

The cold water storage tanks are clearly at the end of their serviceable life and should be replaced with new GRP tanks. At this time a capacity review can be carried out to determine the best size of the tanks to ensure that the recommended volume turn over can be achieved reducing the risk of legionella.

Consideration should be given to the removal of the individual storage tanks which would also improve the pressure to the water services for both hot and cold water.

3.2.4 **Budget**

The budget below is an extract from main spreadsheet specific to the Water Services systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Water Distribution Services	Year 1	Year 2
Pipework & valves		£204,000
Roof Storage Tanks	£35,000	

3.2.5 Water Services Potential for Extension

The incoming feed to the building will not support additional dwellings and an new water main will be required.

The main riser will also require replacement but this can be carried out as part of any system replacement works should the proposed extension be agreed beforehand.

Additional works would include the relocation of the roof storage tanks should the extension include additional floors. This will almost certainly involve the use of low level tanks and booster pumps as the height of the building already exceeds the pressure the Thames Water have to supply.

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3.3 **Gas Services**

3.3.1 **Gas Services System Description**

Gas is supplied and metered within each dwelling. The meter is located within a cupboard in the kitchen and feeds the boiler and gas cooker within each dwelling.

Our survey was unable to locate all of the gas distribution pipework through the building. This is a concern as the pipework may be concealed within service risers which must be ventilated

The Hillbeck Close end of the building has had the Gas services pipework replaced and indicates both the condition of the remaining pipe and how the service is run in a modern building.



The gas distribution pipework is not the responsibility of Southwark Council and any recommendations in relation to this distribution are for the gas supplier to carry out. However, the gas services within the dwellings, is the responsibility of the Council or Leaseholder and if ventilation to a riser is required Southwark have the responsibility to ensure it is fitted.

3.3.2 Gas Services System Condition Recommendations and Budget

The gas pipework should be traced and its condition and routing identified to remove any possible sealed areas of pipework. The pipework may be identified by the further intrusive investigation into the sealed risers being considered by Southwark Council.

3.3.3 Gas Services Potential for Extension

Any extension to the building would involve the increase to the incoming gas main and main riser similar to the Water Services. An application to the gas suppliers would be required to see if this was feasible and the cost for the works.

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3.4 **Ventilation System – Description & Condition**

Ventilation is provided to the Kitchens and Bathrooms by individual through the wall/window extractor fans linked to the light switches.

No fans are fitted to the separate WC rooms.

The fans are varied in age, condition and type.

3.4.1 **Ventilation Systems Recommendations**

As the age and condition of the fans vary so vastly our recommendation is to replace both the fans in each dwelling as one fails keeping the cost and resource use down to a minimum whilst causing the least amount of disruption to the tenant.

3.4.2 **Budget**

The budget below is an extract from main spreadsheet specific to the Ventilation systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

<u>Ventilation</u>	Years 1-9	Yrs 10	Yrs 16-25
Replacement Fans	£1,000 / yr	£500	£9,500

3.4.3 **Ventilation Systems Potential for Extension**

Similar to the heating systems these are individual and can be added to any additional dwellings. Any future design must not obstruct the existing vents.

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4. Electrical Services

4.1 Electrical Supply

4.1.1 General Electrical System Description

The incoming supply enters the building at the ground floor intake room accessed from the cleaner's cupboard adjacent to the stairwell.

The single intake service head appears to be as originally installed.

From the service head the supply feed a main distribution boards which feeds landlord and tenant supplies.

4.1.2 Landlords Services

The main intake room contains the landlord meters and supplies to the lifts and main plant and landlord areas including the roof.

The switchgear in the main intake cupboard has been substantiality modified from the original installation.

The system has been modified at differing times throughout the life of the building with some redundant services left exposed.



4.1.3 Communal Lateral Mains

It is unclear how the cables rise from the intake cupboard to the dwellings as these are within sealed risers. No Ryefield boards were located during the surveys although there are sealed service areas above the electrical intake which is the likely location for these.

4.1.4 **Dwelling Electrical Services**

The electrical supplies enter each dwelling and is metered within a meter enclosure.

The meter and consumer units to all dwellings inspected had been replaced from the originally installed equipment.



4.1.5 **Electrical Installation Condition**

The condition of the electrical system cannot be globally summarised as there are many facets of the system that require attention.

The main electrical intake has services that may have reduced or deteriorating insulation and should be replaced. Some of the services may be redundant but this is unclear. The new sections of the installation appear to be installed to a high standard and in good operational condition.

The lateral mains were not visible for inspection.

The consumer units within the dwellings have been modified to fit a space. This does not comply with the IET regulations and removes any conformity that the consumer unit had.

The board has been cut away at both ends and further cut away to the rear to fit the contours of the space. The two faces are held together by metal screws.

The internal wiring within the dwelling appears to be as originally installed dating to 1968. This has exceeded its economic life expectancy.



4.1.6 **Electrical System Recommendations**

Incoming electric distribution

The main intake distribution board appear to be as originally installed and therefore in excess of 50 years old.

This board was installed by the original developers but adopted by the electricity suppliers as an unmetered device. Therefore any works will require liaison with the suppliers and must be carried out to their standards.

The disconnection of the mains intake board will shut-down all electrical services to the building and carefully consideration to the installation co-ordination is required.

Rising mains & dwelling feed

The budget allows for the replacement of the rising mains system and the feeds to each dwelling making allowance for the condition of the service.

Landlords Services

The budget allows for the replacement of the some of the main switchgear / distribution panels and excludes small scale replacement of isolators etc. which may be carried out individually due to replacement of plant or equipment.

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Dwelling consumer unit and internal wiring

The budget allows for the replacement of the consumer unit to all dwellings relocating new units to a suitable location without the need for modification. This should include the rewire of each dwelling as the wiring appears to be original.

4.1.7 Budget

The budget below is an extract from main spreadsheet specific to the Electrical system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Wiring	Year 2
Incoming electric distribution	34,000
Rising mains & dwelling feed	170,000
Dwelling consumer unit	95,000

4.1.8 Electrical Systems Potential for Extension

Any extension to the building would involve the increase to the incoming electrical main. The main distribution panel will require either replacing with a larger panel or the installation of a second panel to feed the dwellings within the extended section.

An application to the electrical suppliers would be required to see if an increased supply was feasible and the cost for the works.

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4.2 Lighting – Communal

The lighting to the main communal areas has been replaced with fluorescent lighting an estimated 15-20 years ago.

Coverage through all communal areas is adequate although it was noticed that the half landing on the stairwells did not have any lighting.



4.2.1 Communal Lighting System Recommendations and Budget

The main fittings are estimated to be approximately 15-20 years old with an anticipated life of 15 years. It was unclear from the survey if the wiring had been replaced with the fittings and so the budget below allows for a complete system replacement together with the electrical system as this would make savings to the overall cost of the project.

4.2.2 **Budget**

The budget below is an extract from main spreadsheet specific to the Communal Lighting system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Lighting	Year 2	Year 11-15	Year 26-30
Wiring	23,400		
Internal fixtures	17,000	17,000	17,000
External fixtures		5,000	5,000

4.2.3 Lighting System Potential for Extension

The lighting system can be readily extended to accommodate additional areas.

4.3 **Door Entryphone**

The door entry phone is an audio only entry phone system. We were unable to ascertain the age of the system as many of the internal handsets had been replaced and the main system was inaccessible. Based on our survey we estimate the system to be in excess of 15 years.

However the wiring does not appear to have been replaced in the life of the door entry systems and one of the residents does not have an operational service.

4.3.1 **Budget**

The budget below is an extract from main spreadsheet specific to the Door Entry systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Door Entry System	Year 1	Year 5	Year 21- 25
Repairs to system	1,500		
Full system replacement		17,000	
Handset replacement			8,500

4.3.2 **Door Entry System Potential for Extension**

The door entry system can be readily extended to accommodate additional areas.

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5. Public Health Services

5.1 **Above Ground Drainage**

5.1.1 Above Ground Drainage Description and Condition

Several 100mm Cast Iron soil and vent stacks serve the buildings' above ground drainage system. The soil pipes are routed within the kitchens and WC's in a service riser that also contains the water services and possibly the gas service.

The drainage soil pipework is formed of LCC Cast Iron located in sealed service risers adjacent to the WC dropping to a riser adjacent to the kitchen sink within each dwelling. The system is a combined soil and vent system.

The local drains to the appliances within each dwelling are formed in uPVC pipe but due to the location of the riser we were unable to determine if these were originally



copper as normal for this type and age of installation.

Life expectancy of Cast Iron soil pipes is listed within CIBSE Guide M at 35 years although many manufacturers quote life expectancies of up to 100 Years. PVC has a life of 20 years. Much of the modified local PVC drains age cannot be determined although some of the fittings have "yellowed" and appear over 20 years old.

As the main soil stack does not provide consumable services, internal corrosion is not a consideration in its replacement and we consider the pipework usable until it leaks. Furthermore, the system is internally mounted and not subject to weather extremes which would extend its life expectancy.

5.1.2 Above Ground Drainage Recommendations and Budget

Replacement of the uPVC drainage would be carried out as part of any kitchen and Bathroom refurbishment. The condition of the Kitchens and bathrooms were such that this replacement is anticipated before any failure of the uPVC drainage pipe.

The main soil pipes serve just two dwellings vertically and are unlikely to require any works for the foreseeable future.

The connections to the main stacks have been modified and experience from other locations has found that the connections are often poor causing leakage to the dwellings below.

Our recommendation is that all connections from the main soil vent stack are remade to a point external to the riser that the resident can then connect to for all future connections.

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5.1.3 Above Ground Drainage System Potential for Extension

The above ground drainage system can be readily extended to accommodate additional areas particularly if the extension is vertical. Any side extension would require additional soil stacks.

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Appendix A – Typical Budget Costs

Below is the budget cost spreadsheet for Bowness House.

These are for capital works and no allowance has been made for day to day maintenance, statutory inspections or for specialist intervention i.e. asbestos removal.

Budget costs are based on today's rates and determined by recent projects of a similar type many of which are within London Borough Councils with reference to specialist manufacturers for some items. Works are based on similar system replacement.

Some systems will require replacement more than once during the 30-year plan i.e. extract fans have a life expectancy of 15 years and so are shown more than once on the programme.

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Bowness House = CHP Scheme Budget Modifications:

Bowness House has individual boilers presently.

Using the district SELCHP (CHP) scheme will involve the following:

- 1. The creation of a plant room for the CHP mains to enter and have installed two plate heat exchangers. Our budget includes for the services to the building side of the plate heat exchangers. The plate and all pipework to the CHP system are costed by others.
- 2. The creation of plant space budget allows for the provision of the incoming services supply for water and electricity and the M&E fit out of the plantroom space. The allowance is for a ground floor installation.
- 3. Within the plant room the building side includes the installation of pumps, a pressurisation unit, expansion vessels and controls for the distribution to the dwellings.
- 4. The plantroom services have a life expectancy of 20 years and so an allowance for a second replacement has been made in years 21-25.
- 5. The pipework distribution to the entrance of each dwelling including isolation valves, pressure sensors and flushing bypasses This has been costed as if carried out with the water services as the routes are likely to be identical.
- 6. Within the dwellings an allowance has been made for the installation of an Heat Interface Unit (HIU) feeding radiators including all the pipework.
- 7. The HIU has a life expectancy of 20 years and an allowance have been included for the replacement of these in years 21-25.
- 8. HIUs use mains water pressure and so the water pipework replacement has been moved to match the heating installation and modified to allow for conversion works within the dwellings to a mains installation.
- 9. The roof tanks are redundant under this system and the budget is for the removal of the tanks and making the space safe.

Rainwater pipework has not been inspected. No works are anticipated outside of normal pipe clearance due to external blockages etc. over the 30 year budget period. However, internal damage may have occurred due to historic or future poor maintenance issues which may require some remedial works.

Tustin Estate Stock Condition Survey - Southwark Council Summary of Maintenance

1-34 Bowness House - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

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Condition Report of the Building Services Installation.

Heversham House & Kentmere House - Tustin Estate.

Prepared by MCCE on behalf of Hunter & Partners for Southwark Council

31st January 2020



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1. Introduction

1.1 Background

This report covers both Heversham House and Kentmere House as they share the heating system.

Both buildings were built in 1968 by Southwark Council and forms part of the Tustin Estate. The building has evidence of some refurbished within the last 10-20 years to a number of mechanical and electrical services.

Heversham House is split into two blocks. The main building is a six storey block from ground to 5th Floor with three maisonette levels. The smaller block is five storeys from first to 5th Floor and has five levels of single storey dwellings.



Kentmere House is a single block split part three storey part two storey. All dwellings are single level.



1.2 **Project Brief**

The project brief from Southwark Council, relevant to MCCE's services, was to review the condition of the services and produce a works budget forecast to detail estimated costs for the future capital works required on the buildings over a 30-year period.

The building services systems condition has been estimated during the visual survey, with discussions with the incumbent engineers, the site team, Southwark Councils engineering team and using the CIBSE Indicative Economic Life Expectancy guide adjusted against our experience of services installations.

The budgets have been based on today's values for capital works only and no account has been taken for future inflation, day to day maintenance servicing or statutory inspections.

A review of the services has been made to consider the potential for extension to the buildings.

The systems reviewed are communal systems to all dwellings and the individual systems within the rented dwellings. Individual systems within Leasehold dwellings are not reviewed within this report and have been excluded from the budgets.

Mechanical & Electrical Services covered by this report

The survey has been split into two sections:

- 1. Communal Services which includes
 - a. Central Boiler House.
 - b. Gas Services
 - c. Electrical Intake and Distribution
 - d. Communal Lighting
 - e. Door Entryphone

2. In Dwelling Services

- a. Heating and HWS systems
- b. Water Supply Services
- c. Local Ventilation System
- d. Dwelling Electrical Services
- e. Above Ground Drainage

1.3 **Survey**

Several surveys were carried out between 30th October 2019 and early December 2019.

Within Heversham House there are 71 tenant occupied dwellings within out of the 98 dwellings.

Within Kentmere House there are 36 tenant occupied dwellings within out of the 38 dwellings.

The surveys were carried out within all communal plant areas and the following dwellings:

Heversham House Numbers 6, 21 & 56

Kentmere House Numbers 11 & 22

All services surveys were visual and subject to the accessibility to inspect. At the time of writing a further more intrusive investigation behind service risers is being considered by Southwark Council.

2. Executive Summary

Many of the systems at Heversham House and Kentmere House have undergone refurbishment or replacement over the last 10 - 20 years.

Below is a summary of the condition of the systems reviewed by this report and the recommended works to each of them.

2.1 Communal Systems

2.1.1 Central Boiler House

The heating Heversham House and Kentmere House are served from a central Boiler House. The boiler house was refurbished in 1989 and since then had component changes on failure.

The system is larger as originally installed in 1968 and has exceeded it economic life expectancy by over 15 years. However following a failure mid-2019 essential repairs were carried out to the boilers which may provide the system with an additional 5 years. Our recommendation is to carry out the system and boiler house replacement at this stage.

Combining the replacement of the boiler house with the distribution pipework and internal dwelling pipework and system will reduce the overall cost.

It is recommended that the following works are carried out:

Heating System Works	Years
Boiler House Refurbishment – Due to age.	5
Heating distribution pipework – Due to age.	5
Cyclical replacement of some Boiler House components	21-25

2.1.2 Gas Services

The Gas service is provided to the boiler house and both Heversham and Kentmere Houses. Heversham House has had the pipework re-routed externally.

Kentmere House appears to have the originally installed internally mounted pipework and we recommend further investigation to ensure any gas pipe is ventilated within risers.

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2.1.3 Water Services

The original system is formed of galvanised steel which appears to have been installed with the buildings construction with an anticipated life of 35 years.

There is evidence of external corrosion to the main risers and CWDS Tanks. The recommendation is for service pipework to be replaced with a repair to the leaking incomer at Kentmere to be carried out immediately.

Water Supply System Works	Year
Kentmere House incoming main repair	1
Kentmere House tanks rooms refurbishment	5
Replacement of pipework & valves – Due to internal corrosion	5

2.1.4 Electrical Supply

The incoming supply is located a number of intake rooms located within the stairwell lobbies to both Heversham and Kentmere Houses

Heversham House has had the landlords electrical distribution boards replaced an estimated 10-15 years ago.

Kentmere House has had the Landlord Services

The wiring does not appear to have been replaced as so we recommend that the buildings be rewired with new distribution boards where the older models are installed.

Electrical System Works	Year
Replacement Landlords distribution boards and wiring to sockets and switches	2
Replacement of Landlord services to communal areas.	2
Replacement of Lateral Mains to dwellings	2

2.1.5 **Communal Lighting**

The lighting system has been modified with LED upgrades plates fitted to the existing fittings. It is suspected that the wiring was not replaced and is as originally installed. All fittings appeared operational and should have a life of some 10 years.

The recommended works have been schedule to be in-line with the electrical works as this would provide overall savings and the fittings have already exceeded their life expectancy.

Communal Lighting System Works	Year
Wiring	5
Internal fixtures	5 & 21-25
External fixtures	5 & 21-25

2.1.6 **Door Entryphone**

The door entry phone system is an audio only system appears to have been installed an estimated 12-15 years ago.

The recommendation is to replace at its anticipated end of life.

Door Entry System	Year
Complete system replacement	5
System component update – no wiring	21-25

2.2 In Dwelling Services Systems

2.2.1 Heating and HWS Systems

The heating and hot water service within the dwellings appear to have been installed with the boiler house refurbishment in 1989. These systems do not have TRVs fitted to the radiators and has exceeded its economic life expectancy by some time.

We recommend that the systems be replaced with the boiler house and distribution system.

Heating System Works	Years
In dwelling Heating and HWS.	5

2.2.2 Water Services

Internal pipe to the taps are formed in copper and appear to be sound.

We have no recommendations for the internal pipework to each dwelling.

2.2.3 Ventilation System – Kentmere House Only

Extract ventilation fans are fitted to the Kitchen areas in Kentmere House only.

Bulk replacement of systems is not necessary as each system is independent and can be replaced or repaired as required saving both capital cost and natural resources.

Our recommendation is that the fans be replaced in a dwelling the existing fan fails reducing disruption and loss of service to the resident. For budgeting purposes we have shown a rolling programme over 10 years.

Ventilation System Works	Years	Years
Fans – Replacement due to age	1-10	16-25

2.2.4 **Electrical Services**

The consumer units within the dwellings surveyed have been modified to fit a space. This does not comply with the IET regulations and removes any conformity that the consumer unit had. The internal wiring within the dwellings appears to be as originally installed and the replacement and rewire of the dwellings are recommended.

Electrical System Works	Year
Dwelling consumer unit and internal wiring – Due to the non-	3
compliant installation	

2.3 **Above Ground Drainage**

The main soil stacks appear to be in good condition and are unlikely to fracture as they are internally mounted. Many of the connections to the services have been altered during Kitchen and Bathroom fit-outs. However, the bathrooms and kitchens all appeared to be in need of refurbishment at which time the drain runs to the stack will be replaced.

The recommendation is for the connect to the main cast iron soil stack to be remade to all dwellings to a connection point external to the riser from which all connections can be made for future refurbishments. It has been recommended that this be carried out with the replacement of the water services as access will be required to the same rise to all dwellings.

Above Ground Drainage Works	Year
Remaking connection to stack	2

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3. Communal Services Systems

3.1 Central Boiler House

3.1.1 **Description of System**

The dwellings within Heversham House and Kentmere have the heating service provided from a central Boiler House facility located in between the two buildings.

The Boiler House systems comprise of the boilers, primary pump-set for the boiler house plant, secondary pump-set serving the radiators and the HWS cylinders within the dwellings. The system is not pressurised and an F&E tank in located on the roof of Heversham House in the north water storage tank plant room

The original system was installed in 1968 with the buildings construction and replaced in 1989. Components of this system within the boiler house have since been replaced or had major repair work carried out.

Two gas fired cast iron sectional pressure jet boilers provide the heating to the dwellings. These boilers are formed with 11 sections and produce 738kW each



From the high level within the Boiler House the pipework exits the building and runs externally to Heversham House along the first floor balcony. It is unclear how it the rises to the upper levels.

The connection to Kentmere House is not visible.

With the pipework distribution not visible it is possible that the pipework exiting the boiler house connects to the existing connections which were installed in 1968.

The system serves steel panel radiators located within each room and a HWS cylinder to each dwelling.



The Boiler House has a central control panel for the plant with separate BMS system panel. There are two sets of run & standby pumps serving the system. They provide 100% backup should a pump fail and are designed with different flow rates to allow a summer / winter use option selected on the control panel.



3.1.2 System Condition

The boiler sections (main body) are as installed in 1989 but most of the ancillary components have been replaced. The boilers failed in 2019 just before our survey due to the pressure jet burners and these have now been replaced.

The boilers own control panels failed and these have also been replaced.



New Burner

New Boiler Controller



All pump-sets have been replaced and some of these have had further motor replacements.



Primary Pump-Set





The control panel is from the 1989 system but the BMS panel is estimated to be from about 2010.

It is unclear if the pipework distribution to the dwellings has been replaced but there is no evidence other than the boxed in section on Heversham House that the pipework has been replaced. This suggests that the bulk of the system is in excess of 50 years.

3.1.3 **Heating Service Recommendations**

This section relates to main plant replacement and does not include for routine maintenance items. Below is a description of the works and how the anticipated date has been established. As with all services good maintenance is essential for extended life expectancies to be achieved. Economic life expectancy values have been taken from the CIBSE Guide M but used in conjunction with MCCE's experience and judgement following the visual survey.

Boiler House Services

The boilers were installed in 1989 and have exceeded their economic life cycle by some considerable time. Should the sections start to leak a new section will be available to replace it. However, the new section will perform differently due to its difference in age and failures will than start to occur more frequently. The boilers at this stage will become uneconomic to operate and unreliable.

The other main plant items within the boiler house are all at the end of their life cycle.

We recommend that the boiler house services be replaced but due to the recent repairs this can be delayed for up to five years subject to the boiler sections remaining intact.

Heating Pipework Distribution

With the exception of the initial pipe run along Heversham House, the system has been in service for in excess of 50 years with an economic life expectancy of 35 years. Systems do last longer that the expected CIBSE estimates and with good historic water treatment this system could still be in reasonable condition with many years left. However, we are unable to confirm the water treatment regime over the last 50 years.

Our recommendation is for a system review of the pipework condition. This will entail cutting a section of pipeline out for inspection which can be carried out during any radiator change on the system.

For the budget we have allowed for the system to be fully replaced as it has exceeded its life expectancy by some 15 years. However, as the boilers have had major works to maintain them carried out we have recommended the works in year 5.

Should quality boilers heavyweight boilers be installed in this refurbishment then the boilers will not require replacement for the remaining years of this programme.

3.1.4 **Budget**

The budget below is an extract from main spreadsheet specific to the heating system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Heating System	Year 5	Yrs 21-25
Boiler House Refurbishment	£448,800	
Pipework Distribution both Heating Pipework	£1,088,000	
Cyclical replacement of some Boiler House		
components, Pumps, pressurisation unit etc.		£48,960

3.1.5 **Heating System Potential for Extension**

The heating system will not support the extension of the building as the distribution mains could not handle any significant additional load i.e. for another block or floor.

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However, as our recommendations are for the replacement of the system, any new system could be designed with capacity increase planned and this would cost very little additional capital.

3.2 Gas Services

3.2.1 Gas Services System Description

Gas is supplied and metered within each dwelling and a separate supply to feed the central boiler house.

Within the dwellings the meter is located within a cupboard in the kitchen and feeds the boiler and gas cooker within each dwelling.

On Heversham House the gas distribution pipework appears to have been replaced and was surface run to the external of the building.



Within Kentmere House our survey was unable to locate the gas distribution pipework route through the building. This is a concern as the pipework may be concealed within service risers which must be ventilated.

The opening up of communal risers may be carried out to append to this report following Southwark's Council's review.



The gas distribution services are not the responsibility of Southwark Council and any recommendations in relation to this distribution are for the gas supplier to carry out. However, the gas services within the dwellings, is the responsibility of the Council or Leaseholder.

3.2.2 Gas Services System Condition Recommendations

The gas pipework on Kentmere House should be traced and its condition and routing identified to remove any possible sealed areas of pipework. The pipework may be identified by the further intrusive investigation into the sealed risers being considered by Southwark Council.

No Budget has been included at this stage.

3.2.3 Gas Services Potential for Extension

Any extension to the building would involve the increase to the incoming gas main and main riser. An application to the gas suppliers would be required to see if this was feasible and the cost for the works.

3.3 Water Services Installation

3.3.1 Water Services System Description

At Heversham House the water supply appears to enter the building at ground floor level in a single riser at the South end of the building and rises up through the building within a concealed duct to roof level.

At roof level the mains feeds six cold water storage tanks located in three tank rooms. The mains water pipe is routed along the roof level within a duct and drops at each dwelling footprint serving the 3 apartments vertically. The mains water feeds the kitchens to all dwellings.



The cold water tanks are piped with the mains water along the roof and drop to serve the individual dwellings internal storage tank.

The third pipe within the duct is possibly a redundant heating feed and expansion pipe and runs to a separate tank in the north plant room nearest the boiler room.



At Kentmere House the water supply appears to enter the building at ground floor level in a number of locations. This is to be confirmed as the pipe route is concealed and could not be confirmed.

There are two risers within the stairwell bin stores rising up through the building within a concealed duct to roof level to serve the cold water storage tanks.



It appears that there are risers from the mains in the pathway serving routed along the block serving each ground floor dwelling and rising to the upper floors. The mains water feeds the kitchens to all dwellings.

The cold water tanks pipework is concealed. This is routed to serve each dwelling cold water storage tank.

The pipework is behind secured access panels was not visible to inspect.

The pipework is formed in galvanised steel with any modified pipe formed in copper.

3.3.2 Water Services System Condition

The internal condition of the pipework cannot be confirmed without cutting a section out for examination. However, galvanised pipework does corrode over time and the pipework is in excess of 50 years old. Externally the pipe can clearly be seen in the photos above to be corroding to both Heversham and Kentmere Houses.

The CIBSE Guide M states that Galvanised pipework has a life expectancy of 35 years.

It is reasonable to expect the internal surfaces to be failing and any internal corrosion will start a snowball effect and cause the pipework to contaminate the pipework and water supply at an increasing rate.

The Photo is of pipework from the building MCCE are currently working on to replace the water Services pipework. This building is within the Tower Hamlets area and is of similar age. We have witnessed similar pipework conditions within the Lambeth area.



Additional evidence of galvanised steel corrosion can be found in the storage tanks from Kentmere House which are also formed in this material.

The cold water storage tanks in Heversham House have been replaced within the last 5 years and are formed in GRP which will not corrode.

The mains incoming pipework for Kentmere House is leaking and should be repaired immediately. This is likely to involve replacing some of the underground pipework.



As the Water Services are a consumable service we consider the pipework condition critical.

3.3.3 Water Services System Condition Recommendations

Pipework & valves

This budget covers the complete renewal of the water services pipework system to all dwellings and water outlets.

The works are extensive and disruptive expecting to take between 12-18 months.

Access is required into all dwellings to complete the installation and it may be advisable to combine the works with other items i.e. heating to reduce disruption to the residents.

3.3.4 **Budget**

The budget below is an extract from main spreadsheet specific to the Water Services systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Water Distribution Services	Year 1	Year 5
Kentmere House Pipework & valves	£5,000	£266,000
Kentmere House Tank Room		
Refurbishment		£60,000
Heversham House Pipework & valves		£686,000

3.3.5 Water Services Potential for Extension

The incoming feed to the building will not support additional dwellings and a new water main will be required.

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3.4 **Electrical Supply**

3.4.1 **General Electrical System Description**

Heversham House has intake rooms located at each of the three stairwell/lift lobbies on the ground floor. These contain the service head, landlords meters and landlord's services distribution boards including the lift supplies. Feeds to the Ryefield Boards The supplies for the dwellings are fed from the bus-bar section within the intake room. The Ryefield boards that feed the dwellings are located on the stairwells.



Incoming Service Head



Landlord's Meters



Ryefield Board

Kentmere House has intake rooms located at each of the two stairwell lobbies on the ground floor. These contain the service head, landlord's meters, landlord's services distribution boards and the dwelling feed Ryefield boards.



Incoming Service Head



Landlord's Meter



Ryefield Board

3.4.2 **Landlords Services**

The Intake rooms contain the landlord meters and supplies to the communal services i.e. lighting, door entry etc.

3.4.2.1. Heversham House

The landlords electrical distribution has been replaced an estimated 10-15 years with modern switchgear.



3.4.2.2. Kentmere House

The landlord's electrical distribution has been replaced from the original installation but even these are now dated.



The wiring found within the system was PVC but using the older red and black coding dating it to before 2004. The new distribution boards are between 10-15 years old and appear to have installed to existing circuits.

The limited locations where wiring was exposed indicated that existing wiring had been used although in Heversham House the feeds to the Ryefield boards may have been replaced.

3.4.3 **Communal Lateral Mains**

It is unclear how the cables rise from the intake building to the dwellings. From the Ryefield Boards there will be a single supply cable feeding each dwelling. These cables are not visible from the Ryefield boards suggesting the original cabling has been re-used and is within conduits that are cast into the structure.

3.4.4 **Electrical Installation Condition**

Heversham House has had some replacement of electrical services to the Landlord's systems. Any SWA cabling appears to be clipped to the wall using part metal clipping and the newly installed equipment appears to have been carried out to a good standard. However, the majority of the wiring appears to be as installed with the buildings construction in 1968 and has exceeded its life expectancy.

Kentmere House has had a number of services replaced but from the "yellowing" of the plastic on the consumer units appears to be in excess of 20 years old and is in itself past its life expectancy. The Ryefield Boards and lateral mains are as installed in 1968.

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3.4.5 **Electrical System Recommendations**

Incoming Electric Distribution and Landlords Services

Heversham House services should be opened up for investigation to establish if the wiring has been replaced since 1968. We have allowed for the systems replacement for budgetary purposes.

Kentmere House is as original and is overdue for replacement.

The budget allows for the replacement Landlords system to both Heversham House and Kentmere House.

Lateral Mains Installation

It is suspected that both Heversham House and Kentmere House are both using original cabling to feed the dwellings from the Ryefield Boards.

These are recommended to be replaced.

3.4.6 **Budget**

The budget below is an extract from main spreadsheet specific to the Electrical system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Wiring	Year 3
The replacement of Landlords distribution boards and wiring to sockets and switches to communal and plant	
areas.	£245,000
The replacement of the Lateral Mains feeding the	
Dwellings	£884,000

3.4.7 Electrical Systems Potential for Extension

Any extension to the building would involve the increase to the incoming electrical main.

An application to the electrical suppliers would be required to see if an increased supply was feasible and the cost for the works.

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3.5 **Communal Lighting**

The lighting to the main communal areas to both Heversham House and Kentmere House has been replaced with LED fitting upgrades probably within the last 5 years. The existing cases and lenses are reused with the control gear and lamp replaced with an LED plate.



It is unclear if the wiring had been replaced at this time.

Coverage through all communal landings and the external to Heversham House is good. The stairwells could be improved by additional lighting.



Coverage through all communal areas to Kentmere is poor as the spacing between fittings is less frequent than at Heversham House

Kentmere House has a single perimeter flood light mounted to the wall facing the Car Park.

Heversham House has specific car parking lighting which forms part of the Estate Lighting Report.

3.5.1 Communal Lighting System Recommendations and Budget

The main fitting bodies are estimated to be in excess of 20 years old. The LED refurbishment has been carried out within the last 5 years and the LED "lamps" should have another 10 years before they fail. The budget below allows for a complete system replacement at the lamp failure estimate of 10 years. During this replacement improve light levels can be ensured where required.

3.5.2 **Budget**

The budget below is an extract from main spreadsheet specific to the Communal Lighting system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Lighting	Year 3	Year 26-30
Wiring	£103,000	
Internal fixtures	£103,000	£103,000
External fixtures	£21,000	£21,000

3.5.3 Lighting System Potential for Extension

The lighting system can be readily extended to accommodate additional areas.

3.6 **Door Entryphone**

The door entry phone is an audio only entry phone system.

The Heversham House controllers were mounted within intake rooms.

The handsets within the dwellings vary and appear to have been replaced at on failure.





The Kentmere House system was not located during the surveys.

We were unable to ascertain the age of the system. Based on our visual survey we estimate the system to be in between 12-15 years.

3.6.1 **Budget**

The budget below is an extract from main spreadsheet specific to the Door Entry systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Door Entry System	Year 5	Year 21- 25
Repairs to system		
Full system replacement	£102,000	
Handset and controller replacement		£34,000

3.6.2 **Door Entry System Potential for Extension**

The door entry system can be readily extended to accommodate additional areas.

4 In Dwelling Services

4 1 **Heating Systems**

Both Heversham House and Kentmere House have copper pipework around the dwelling feeding steel panel radiators mostly fitted with manual radiator valve and controlled using a room thermostat. The hot water is provided via a HWS cylinder controlled by a two port valve.

The Hot Water Services cylinders are fed by a Cold Water Feed Tank located above them. The system may provide poor pressure to the taps but has the advantage of providing each dwelling with some water storage and a local means for the open vented Hot water cylinder to expand to.



Within Kentmere House access to the HWS was behind a sealed panel which is a concern as the valves are located within this space. One of the surveyed dwellings Flat 22 did not have any heating for some time.

The radiators, HWS cylinder and pipework installation within the dwellings appears to have been installed at the same time as the boiler house was refurbished in 1989.

4.1.1 **Heating System Recommendations**

The heating systems should be fully replaced with the Boiler House and distribution recommended in the Communal Heating section 3.1.3 above.

4.1.2 **Budget**

The budget below is an extract from main spreadsheet specific to the heating system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Heating System	Year 5
Dwelling pipework radiators and HWS	
Cylinders	£876,000

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4.2 **Ventilation System – Kentmere House Only**

Ventilation is only provided to Kentmere House to the Kitchens areas. The fans are individual through the wall/window extractor fans linked to the light switches.

The fans are varied in age, condition and type.

Heversham House has openable windows to their Kitchens and Bathrooms.

4.2.1 Ventilation Systems Recommendations

As the age and condition of the fans vary so vastly our recommendation is to replace the fans as they fail.

4.2.2 **Budget**

The budget below is an extract from main spreadsheet specific to the Ventilation systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

<u>Ventilation</u>	Years 1-8	Yrs 16-25
Replacement Fans	£1,000 / yr	£8,000

4.2.3 Ventilation Systems Potential for Extension

These are individual and can be added to any additional areas. Any future design must not obstruct the existing vents.

5. Electrical Services

5.1.1 **Dwelling Electrical Services**

The electrical supplies enter each dwelling and is metered within a meter enclosure.

The meter and consumer units to all dwellings inspected had been replaced from the originally installed equipment. From our inspection we believe the internal wiring to the dwellings are as originally installed in 1968.



5.1.2 Electrical Installation Condition

The consumer units within most of the dwellings have been modified to fit a space. This does not comply with the IET regulations and removes any conformity that the consumer unit had.

The internal wiring appears original and is now in excess of 50 years old.

The board has been cut away at both ends and further cut away to the rear to fit the contours of the space. The two faces are held together by metal screws.

5.1.3 Electrical System Recommendations

Dwelling consumer unit

The budget allows for the replacement of the consumer unit to all dwellings relocating new units to a suitable location without the need for modification.

Internal Wiring

The services within the dwellings appear to require replacement works and this should be carried out with the replacement of the consumer units.

5.1.4 **Budget**

The budget below is an extract from main spreadsheet specific to the Electrical system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Internal Electrical	Year 3
Internal Wiring & Consumer Unit	£463,000

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6. Public Health Services

6.1 **Above Ground Drainage**

6.1.1 Above Ground Drainage Description and Condition

Heversham House – Each dwelling has a single Soil Vent Pipe within the kitchen rising up through the WC and serving the 3 dwellings vertically.

It is believed that the main SVP pipe is formed of LCC Cast Iron and the original local drains within the dwellings were copper. However much of the original installation in the dwellings has been altered with new PVC fittings installed.

The upper connection shown here is a typical PVC to copper connection. This fitting will leak as the joint is not square!



Kentmere House appears to have two SVP's to each dwelling one to the Bathroom one to the kitchen.

The soil pipes are routed within service risers that also contains the water services and possibly the gas service.



Life expectancy of Cast Iron soil pipes is listed within CIBSE Guide M at 35 years although many manufacturers quote life expectancies of up to 100 Years. PVC has a life of 20 years.

Much of the modified local PVC drains age cannot be determined although some of the fittings have "yellowed" and appear over 20 years old.

As the main soil stack does not provide consumable services, internal corrosion is not a consideration in its replacement and we consider the pipework usable until it leaks. Furthermore, the system is internally mounted and not subject to weather extremes which would extend its life expectancy.

6.1.2 Above Ground Drainage Recommendations and Budget

Replacement of the uPVC drainage would be carried out as part of any kitchen and Bathroom refurbishment. The condition of the Kitchens and bathrooms were such that this replacement is anticipated before any failure of the uPVC drainage pipe.

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The main soil pipes serve up to a maximum of three dwellings vertically and are unlikely to require any works for the foreseeable future.

The connections to the main stacks have been modified and as seen above the connections are often poor and could cause causing leakage within the dwelling and to the dwellings below.

Our recommendation is that all connections from the main soil vent stack are remade to a point external to the riser that the resident can then connect to for all future connections.

Above Ground Drainage System Potential for Extension

The above ground drainage system can be readily extended to accommodate additional areas particularly if the extension is vertical. Any side extension would require additional soil stacks.

Above Ground Drainage	Year 2
Heversham House - Connections to Soil Stack	£235,200
Kentmere House 1-5 - Connections to Soil Stack	£15,600
Kentmere House 6-16 - Connections to Soil Stack	£30,000

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Appendix A – Typical Budget Costs

Attached is the budget cost spreadsheet for Heversham House and Kentmere House. These are for capital works and no allowance has been made for day to day maintenance, statutory inspections or for specialist intervention i.e. asbestos removal.

Budget costs are based on today's rates and determined by recent projects of a similar type many of which are within London Borough Councils with reference to specialist manufacturers for some items. Works are based on similar system replacement.

Some systems will require replacement more than once during the 30-year plan i.e. extract fans have a life expectancy of 15 years and so are shown more than once on the programme.

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Heversham and Kentmere House = CHP Scheme Budget Modifications:

Heversham House and Kentmere House are currently served by a central boiler house located between the two blocks.

Using the district SELCHP (CHP) scheme will involve the following:

- 1. The refurbishment of the existing boiler house for the CHP mains to enter and have installed two plate heat exchangers. Our budget includes for the services to the building side of the plate heat exchangers. The plate and all pipework to the CHP system are costed by others.
- 2. Within the plant room the building side includes the installation of pumps, a pressurisation unit, expansion vessels and controls for the distribution to the dwellings.
- 3. The plantroom services have a life expectancy of 20 years and so an allowance for a second replacement has been made in years 21-25.
- 4. The pipework distribution to the entrance of each dwelling including isolation valves, pressure sensors and flushing bypasses This has been costed as if carried out with the water services as the routes are likely to be identical.
- 5. Within the dwellings an allowance has been made for the installation of a Heat Interface Unit (HIU) feeding radiators including all the pipework.
- 6. The HIU has a life expectancy of 20 years and an allowance have been included for the replacement of these in years 21-25.
- 7. HIUs use mains water pressure and so the water pipework replacement has been moved to match the heating installation and modified to allow for conversion works within the dwellings to a mains installation.
- 8. The roof tanks are redundant under this system and the budget is for the removal of the tanks and making the space safe.

Rainwater pipework has not been inspected. No works are anticipated outside of normal pipe clearance due to external blockages etc. over the 30 year budget period. However, internal damage may have occurred due to historic or future poor maintenance issues which may require some remedial works.

Tustin Estate Stock Condition Survey - Southwark Council Summary of Maintenance

1-98 Heversham House - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Component of Work	Year 1	Year 2	2 Ye	ear 3	Year 4	Year 5	Yrs 06-:	10 Yr	s 11-15 Yrs 16-20	Yı	rs 21-25	Yrs 26-30	Yrs	1-30	Tenure Allocation
Heating Custom			_					•							
Heating System		•		0.000	_		•			•	•		•	0.000	
Refurbishment of Central Plantroom (Apportioned)		0	0	9,800)	0	0	0	0	0		0	9,800	Incl Leaseholders
Central Plant from CHP Plates (Apportioned)		0	0	49,000			0	0	0	0	49,000		0	98,000	Incl Leaseholders
Pipework Distribution up to dwellings Internal heating systems fit-out HIU, Radiators and		0	0	784,000			0	0	0				0	784,000	Incl Leaseholders
Pipework		0	0	882,000	()	0	0	0	0	0		0	882,000	Incl Leaseholders
Internal heating systems replacement HIU		0	0	0	()	0	0	0	0	294,000		0	294,000	Incl Leaseholders
Communal Wiring															
Replacement Landlords distribution boards and wiring		0	0	450.000		,	0	0	0	0	0		0	450,000	la el l'escale el dens
to sockets and switches to communal and plant areas		0	0	150,000	· · · · · ·)	0	0	0	0	0		0	150,000	Incl Leaseholders
Communal Lighting															
Wiring		0	0	74,000	()	0	0	0	0	0		0	74,000	Incl Leaseholders
Internal fixtures		0	0	74,000			0	0		0	74,000		0	148,000	Incl Leaseholders
External fixtures		0	0	14,000	()	0	0		0	10,500		0	24,500	Incl Leaseholders
Door Entry		0	0	0	C) 7	73,500	0	0	0	24,500		0	98,000	Incl Leaseholders
Water Distribution Services															
Pipework & valves		0	0	686,000)	0	0	0	0	0		0	686,000	Incl Leaseholders
Roof Tanks refurbishment		0	0	9,000	()	0	0	0	0	0		0	9,000	Incl Leaseholders
In Dwelling Electrical															
Lateral mains feeds to dwellings		0	0	637,000			0	0	0	0	0		0	637,000	Incl Leaseholders
Internal Wiring		0	0	355,000	()	0	0	0	0	0		0	355,000	Rented Properties Only
<u>Ventilation - Kentmere Only</u>		•	0		,	,	2	0	0	•	0		•	2	N1/A
Fans		0	0	0	(J	0	0	0	0	0		0	0	N/A
Soil & Waste Services				_		_			_						
Above Ground (Dwelling drainage)		0	235,200	0	()	0	0	0	0	0		0	235,200	Incl Leaseholders
Rain Water System					_	_	•		•	•	•		•	•	
See comment in addendum		0	0	0	()	0	0	0	0	0		0	0	Incl Leaseholders
Sub-Total Excludes Preliminaries		0	235,200	3,723,800	() 7	73,500	0	0	0	452,000		0	4,484,500	
Tenure Split															
Block - All Tenures		0	235,200	3,368,800	() 7	73,500	0	0	0	452,000		0	4,129,500	
SC Rented	71	0	170,400	2,440,661	() 5	53,250	0	0	0	327,469		0	2,991,781	
Leasehold		0	64,800	928,139			20,250	0	0	0	124,531		0	1,137,719	
	98	0	235,200	3,368,800	() 7	73,500	0	0	0	452,000		0	4,129,500	
Internal Dwellings SC Rented	71	0	0	355,000)	0	0	0	0	0		0	355,000	
SC kented	/ T	U	U	333,000		J	0	U	U	U	U		U	555,000	

Tustin Estate Stock Condition Survey - Southwark Council Summary of Maintenance

1-5,17-21 & 33-35 Kentmere House - Mechanical & Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Component of Work	Year 1 Ye	ear 2	ear 3	Year 4 Ye	ear 5 Yrs	06-10 Y	rs 11-15 Yrs 16	6-20 Yr	s 21-25	Yrs 26-30	Yrs 1-30	Tenure Allocation
	. 55 2				1113		11.31					
eating System												
furbishment of Central Plantroom (Apportioned)	0	0	1,300	0	0	0	0	0	0	0	1,300	Incl Leaseholders
entral Plant from CHP Plates (Apportioned)	0	0	6,500	0	0	0	0	0	6,500	0	-	Incl Leaseholders
pework Distribution up to dwellings	0	0	104,000	0	0	0	0			0	104,000	Incl Leaseholders
ternal heating systems fit-out HIU, Radiators and pework	0	0	91,000	0	0	0	0	0	0	0	91,000	Incl Leaseholders
ternal heating systems replacement HIU	0	0	0	0	0	0	0	0	39,000	0	39,000	Incl Leaseholders
ommunal Wiring												
eplacement Landlords distribution boards and wiring to ockets and switches to communal and plant areas	0	0	32,500	0	0	0	0	0	0	0	32,500	Incl Leaseholders
11.11.												
ommunal Lighting iring	0	0	11,500	0	0	0	0	0	0	0	11,500	Incl Leaseholders
ternal fixtures	0	0	11,500	0	0	0	0	0	0			Incl Leaseholders
tternal fixtures	0	0	3,500	0	0	0	0	0	0	3,500		Incl Leaseholders
oor Entry	0	0	0	0	9,750	0	0	0	3,250	0	13,000	Incl Leaseholders
Vater Distribution Services												
pework & valves	0	0	91,000	0	0	0	0	0	0	0	91,000	Incl Leaseholders
oof Tanks refurbishment	0	0	3,000	0	0	0	0	0	0	0	3,000	Incl Leaseholders
Dwelling Electrical												
ateral mains feeds to dwellings	0	0	84,500	0	0	0	0	0	0	0	-	Incl Leaseholders
ternal Wiring	0	0	39,000	0	0	0	0	0	0	0	39,000	Rented Properties Only
entilation - Kentmere Only	500	F00	500	F00	F00	750	0	2 500	750	0	C F00	Donato d Dromontico Only
ns	500	500	500	500	500	750	0	2,500	750	0	6,500	Rented Properties Only
oil & Waste Services bove Ground (Dwelling drainage)	0	15,600	0	0	0	0	0	0	0	0	15,600	Incl Leaseholders
ain Water System												
ee comment in addendum	0	0	0	0	0	0	0	0	0	0	0	Incl Leaseholders
Sub-Total Excludes Preliminaries	500	16,100	479,800	500	10,250	750	0	2,500	49,500	15,000	574,900	
Tenure Split												
Block - All Tenures	0	15,600	440,300	0	9,750	0	0	0	48,750	15,000	529,400	<u></u>
SC Rented	13 0	15,600	440,300	0	9,750	0	0	0	48,750	15,000	529,400	
Leasehold	0 0	0	0	0	0	0	0	0	0	0	0	
	13 0	15,600	440,300	0	9,750	0	0	0	48,750	15,000	529,400	
Internal Dwellings SC Rented	13 500	500	39,500	500	500	750	0	2,500	750	0	45,500	
35 Nemeu		500	23,330	300	300	, 50	•	_,	, 50	Ū	.5,555	

Tustin Estate Stock Condition Survey - Southwark Council Summary of Maintenance

6-16,22-32 & 36-38 Kentmere House - Mechanical & Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Grant and of Wards									Tomana Alla satism						
Component of Work	Year 1	Year 2	Year	r3 Y	ear 4	Year 5	Yrs 06-:	IU Yrs 11	-15 Yı	rs 16-20	Yrs 21-	25 \	Yrs 26-30	Yrs 1-30	Tenure Allocation
Heating System															
Refurbishment of Central Plantroom (Apportioned)		0	0	2,500	C)	0	0	0		0	0	C	2,50	0 Incl Leaseholders
Central Plant from CHP Plates (Apportioned)		0	0	12,500	C		0	0	0		0 1	2,500	C	•	
Pipework Distribution up to dwellings Internal heating systems fit-out HIU, Radiators and		0	0	200,000	C)	0	0	0				C	200,00	00 Incl Leaseholders
Pipework		0	0	175,000	C)	0	0	0		0	0	C	175,00	00 Incl Leaseholders
Internal heating systems replacement HIU		0	0	0	C)	0	0	0		0 7	5,000	C	75,00	0 Incl Leaseholders
Communal Wiring															
Replacement Landlords distribution boards and wiring to sockets and switches to communal and plant areas		0	0	62,500	C)	0	0	0		0	0	C) 62,50	00 Incl Leaseholders
Communal Lighting															
Wiring Internal fixtures		0	0	17,500 17,500	C		0	0	0		0	0	11 500	•	
Internal fixtures External fixtures		0	0 0	17,500 3,500	C		0 0	0 0	0 0		0 0	0 0	11,500 3,500		
<u>Door Entry</u>		0	0	0	C) 18	3,750	0	0		0	6,250	(25,00	00 Incl Leaseholders
Water Distribution Services		•	•	475.000	_				_			_	_		
Pipework & valves Roof Tanks refurbishment		0	0 0	175,000 3,000	C		0 0	0 0	0 0		0 0	0	(
אסטי ומווגי ובועוטוטוווופוונ		U	U	3,000	C	,	U	U	U		U	U	C	5,00	ou ilici Leaselluluers
In Dwelling Electrical		0	6	462.500	_		0	0	•		0	•	_	. 460 = 6	o malia.
Lateral mains feeds to dwellings Internal Wiring		0	0 0	162,500 69,000	C		0 0	0 0	0 0		0 0	0	0	•	
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Condition Report of the Building Services Installation.

Ullswater House & Hillbeck Close - Tustin Estate.

Prepared by MCCE on behalf of Hunter & Partners for Southwark Council

31st January 2020



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CONFIDENTIAL
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1. Introduction

1.1 Background

This report covers both Ullswater House and Hillbeck Close as they share a number of services.

Both buildings were built in 1968 by Southwark Council and forms part of the Tustin Estate. The building has evidence of some refurbished within the last 10-20 years to a number of mechanical and electrical services.

The buildings are 2 storeys with single level dwellings in each.

Ullswater House is used as a temporary housing facility by Southwark Council with 47 bedroom units. The rooms are not full dwellings with the block containing communal bathrooms and toilets. This building has a single main entrance with an alternative fire escape route exit door.

Hillbeck Close is split into four blocks of eight, one bedroom bedsit type apartments. The original internal links between the blocks have been sealed off.

1.2 **Project Brief**

The project brief from Southwark Council, relevant to MCCE's services, was to review the condition of the services and produce a works budget forecast to detail estimated costs for the future capital works required on the building over a 30-year period.

The building services systems condition has been estimated during the visual survey, with discussions with the incumbent engineers, the site team, Southwark Councils engineering team and using the CIBSE Indicative Economic Life Expectancy guide adjusted against our experience of services installations.

The budgets have been based on today's values for capital works only and no account has been taken for future inflation, day to day maintenance servicing or statutory inspections.

A review of the services has been made to consider the potential for extension to the buildings.

The systems reviewed are communal systems to all dwellings and the individual systems within the rented dwellings. Individual systems within Leasehold dwellings are not reviewed within this report and have been excluded from the budgets.

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Mechanical & Electrical Services covered by this report

The survey has been split into two sections:

1. Communal Services which includes

- a. Central Boiler House & Hot Water Services System.
- b. Gas Services
- c. Electrical Intake and Distribution
- d. Communal Lighting
- e. Fire Alarm System Ullswater House only
- f. Residential Sprinkler System Ullswater House only
- g. Door Entryphone

2. In Dwelling Services

- a. Heating systems
- b. Water Supply Services
- c. Local Ventilation System
- d. Dwelling Electrical Services Hillbeck House Only
- e. Above Ground Drainage

1.3 **Survey**

Several surveys were carried out between 30th October 2019 and early December 2019.

We were escorted around the Ullswater House facility and surveyed a number of units as well as the communal bathrooms and toilet facilities.

Within Hillbeck Close there are 27 tenant occupied dwellings within out of the 32 dwellings.

The surveys were carried out within all communal plant areas and the following dwellings:

Flat Numbers 3, 18 & 29

All services surveys were visual and subject to the accessibility to inspect. At the time of writing a further more intrusive investigation behind service risers is being considered by Southwark Council.

2. Executive Summary

Many of the systems at Ullswater House and Hillbeck Close have undergone refurbishment or replacement over the last 10 - 20 years.

Below is a summary of the condition of the systems reviewed by this report and the recommended works to each of them.

2.1 Communal Systems

2.1.1 Central Boiler House and Hote Water Service Systems

The heating and Hot Water services to Ullswater House and Hillbeck Close are served from a central Boiler House. The boiler house was refurbished in 1992 and since then had component changes on failure.

The system has exceeded it economic life expectancy by over 15 years and replacement should be scheduled for when the boilers are expected to fail i.e. in years 6-10.

The HWS pipework is formed in galvanised steel which will be corroding internally.

Combining the replacement of the boiler house with the distribution pipework and HWS pipework will reduce the overall cost.

It is recommended that the following works are carried out:

Heating System Works	Years
Boiler House Refurbishment – Due to age.	6-10
HWS pipework and heating distribution pipework – Due to age.	6-10
Cyclical replacement of some Boiler House components	26-30

2.1.2 Gas Services

The Gas service are only provided to the boiler house and is good visual condition.

No works have been recommended.

2.1.3 Electrical Supply

The incoming supply is located in the intake building adjacent to the boiler house.

About 50% of the electrical distribution boards have been replaced and the rest are in good condition. The wiring does not appear to have been replaced as so we recommend that the buildings be rewired with new distribution boards where the older models are installed.

Electrical System Works	Year
Replacement Landlords distribution boards and wiring to sockets	3
and switches	
Replacement of Landlord services to communal areas.	3

2.1.4 **Lighting – Communal**

The lighting system has been replaced in excess of 20 years ago. All fittings appeared operational but showing signs of aging. The recommended works have been schedule to be in-line with the electrical works as this would provide overall savings and the fittings have already exceeded their life expectancy.

Communal Lighting System Works	Year
Wiring	3
Internal fixtures	3 & 21-25
External fixtures	3 & 21-25

2.1.5 **Door Entryphone**

The door entry phone system is an audio only system appears to have been installed in excess of 15 years ago with the wiring preceding that installation.

Door Entry System	Year
Complete system replacement	5
System component update – no wiring	21-25

2.1.6 Fire Alarm System to Ullswater House

The existing system is between 8-10 years old and fully operational. Replacement will only be required at the systems economic life expectancy.

Door Entry System	Year
System component update – no wiring	7 & 21-25
Main Panel Replacement	11-15

2.1.7 Sprinkler System to Ullswater House

The existing system is between 8-10 years old and fully operational. Replacement will only be required at the systems economic life expectancy.

Door Entry System	Year
Sprinkler Heads	21-25
Main Panel Replacement	11-15

2.2 In Dwelling Services Systems

2.2.1 Water Services

The original system is formed of galvanised steel which appears to have been installed with the buildings construction with an anticipated life of 35 years. Internal pipe to the taps are formed in copper.

There is evidence of internal corrosion to the system and the recommendation is for it to be replaced.

Water Supply System Works	Year
Replacement of pipework & valves – Due to internal corrosion	2

2.3 Ventilation System

Extract ventilation fans are fitted to the Bathroom and the Kitchen areas.

Bulk replacement of systems is not necessary as each system is independent and can be replaced or repaired as required saving both capital cost and natural resources. Our recommendation is that both fans be replaced in a dwelling when either one of the existing fans fail reducing disruption and loss of service to the resident.

Ventilation System Works	Years	Years
Fans – Replacement due to age	1-10	16-25

2.4 Electrical Services – Hillbeck Close Only

The incoming supply is as originally installed however the other electrical services appear to have undergone a refurbishment within the last 20 years. There are redundant services which appear to include wiring and we would recommend that these be removed.

Electrical System Works	Year
Lateral mains feeds to dwellings	3
Dwelling consumer unit and internal wiring – Due to the non-	3
compliant installation	

2.5 **Above Ground Drainage**

The main soil stacks appear to be in good condition and are unlikely to fracture as they are internally mounted. Many of the connections to the services have been altered during Kitchen and Bathroom fit-outs. However, the bathrooms and kitchens all appeared to be in need of refurbishment at which time the drain runs to the stack will be replaced.

The recommendation is for the connect to the main cast iron soil stack to be remade to all dwellings to a connection point external to the riser from which all connections can be made for future refurbishments. It has been recommended that this be carried out with the replacement of the water services as access will be required to the same rise to all dwellings.

Above Ground Drainage Works	Year
Remaking connection to stack	2

3. Communal Services Systems

3.1 Central Boiler House & Hot Water Services Systems

3.1.1 **Description of System**

The dwellings within Ullswater House and Hillbeck Close have the heating and hot water service provided from a central Boiler House facility located to the rear of the building.

The Boiler House systems comprise of the boilers, HWS calorifiers, primary pump-set for the boiler house plant, secondary pump-set serving the radiators within Ullswater



House and Hillbeck Close, the HWS circulating pump and a pressurisation unit.

The original system was installed in 1968 with the buildings construction and replaced in 1992. Major components of this system within the boiler house have since been replaced.

Two gas fired modular boilers to provide heating and two HWS calorifiers provide the hot water.



Boilers

HWS Calorifiers



From the Boiler House the pipework is ducted to Ullswater House where it rises to high level and is distributed to all dwellings.



The system serves steel panel radiators located within each room.

The Boiler House has a central control panel for the plant. There did not appear to be a BMS system within the panel and it appears that the controls are analogue.



The Hot Water Service calorifiers are mains water fed. From the two cylinders water is piped to all dwellings. A return pipe from all dwellings is fitted with a Bronze pump to ensure hot water runs out of the taps within 1 minute.

The mains water provides the hot water system with the water pressure that flows to the taps. The system has a return pump to ensure that hot water reaches the taps within a reasonable time anywhere on the system.

3.1.2 **System Condition**

The boilers are a replacement to the 1992 installation and appear to be have been installed between 8-10 years ago. One of the boilers appears to have suffered an historic leak but at the time of the survey both boilers were operational.

The HWS calorifiers are relatively new possibly 1-2 years and replaced the previous gas fire hot water heaters.

The primary pump-set appears to have been replaced recently. This could be due to the addition of the HWS calorifiers to the heating system rather than any failure as the flow rates would change.

The distribution pumps are from the 1992 installation albeit with replacement motors since originally installed.



The control panel is from the 1992 system and there are many control switches that are now dis-used.

It is unclear if the pipework distribution to the dwellings has been replaced but there is no evidence either within the boiler house or the buildings that the pipework has been replaced. This suggests that the system is in excess of 50 years.

The HWS pipework is formed in Galvanised Steel. This pipework would have internally corroded and scaled causing the water to be contaminated and the system flow rate to be reduced.

The Photo is of pipework from the building MCCE are currently working on to replace the water Services pipework. This building is within the Lambeth area and is of similar age. The pipe was from a hot water service and was completely dry when removed from a live system.



3.1.3 Heating and Hot Water Service Recommendations

This section relates to main plant replacement and does not include for routine maintenance items. Below is a description of the works and how the anticipated date has

been established. As with all services good maintenance is essential for extended life expectancies to be achieved. Economic life expectancy values have been taken from the CIBSE Guide M but used in conjunction with MCCE's experience and judgement following the visual survey.

Boilers

These were installed 8-10 years ago. Modular Boilers have very tight meshed stainless steel heat exchangers that need careful servicing if they are to have the normal life expectancy of 15 years. However, modular boilers like the Wessex are readily available and easily replaced. This means that a failed module will leave the system operating at 50% whilst a new module is purchased and fitted.

Our recommendations are discussed with the distribution.

Heating Pipework Distribution

The system has been in service for in excess of 50 years with an economic life expectancy of 35 years. Systems do last longer that the expected values and with good historic water treatment this system could still be in reasonable condition with many years left. However, we are unable to confirm the water treatment regime over the last 50 years.

Our recommendation is for a system review of the pipework condition. This will entail cutting a section of pipeline out for inspection which can be carried out during any radiator change on the system.

For the budget we have allowed for the system to be fully replaced as it has exceeded its life expectancy by some 15 years. Should quality boilers heavyweight boilers be installed in this refurbishment then the boilers will not require replacement for the remaining years of this programme.

HWS Distribution

The HWS Pipework is formed in galvanised steel and has internally corroded. During our survey we entered an dwelling that resident had not lived in for some time. On running the taps there was significan discolouration from internal corrosion. This may not be noticiable to services that are regularly used.

The HWS pipework in its entirety should be replaced. We have schedule this with the Boiler House refurbishment works in year 5.

3.1.4 **Budget**

The budget below is an extract from main spreadsheet specific to the heating system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Heating System	Year 5	Yrs 21-25
Boiler House Refurbishment	£350,000	
Pipework Distribution both HWS and Heating		
Pipework	£448,000	
Cyclical replacement of some Boiler House		
components		£40,000

3.1.5 Heating and HWS Systems Potential for Extension

The heating system will not support the extension of the building as the distribution mains could not handle any significant additional load i.e. for another block or floor.

However, as our recommendations are for the replacement of the system any new system could be designed with capacity increase planned and this would cost very little additional capital.

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3.2 Gas Services

3.2.1 Gas Services System Description

Gas is supplied and metered to the Boiler House only and there are no gas services within either Ullswater House or the dwellings within Hillbeck Close.

The pipework within the boiler house appeared to have been installed when the boilers were replaced 8-10 years ago and is in good condition.

3.2.2 Gas Services System Condition Recommendations and Budget

We have no recommendations for the Gas Services

3.2.3 Gas Services Potential for Extension

Any extension to the building would involve the increase to the incoming gas main. An application to the gas suppliers would be required to see if this was feasible and the cost for the works.

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3.3 **Electrical Supply**

3.3.1 General Electrical System Description

The incoming supply enters a building adjacent to the boiler room near the fire escape route for Ullswater House. Access to this room was not available during the survey.

From the intake head SWA cables feed local distribution boards located within the communal corridors. These distribution boards feed all the services within Ullswater

House and the Landlord Services within the four Hillbeck Close blocks.

Location Of Distribution Boards Actionment from Nature Stock Sounds Front Toward Stock.

GIF Electrical Cupboard Adj To Unit 37

GIF GIF Outside Unit 10 1/2 Door

GIF Electrical Cupboard Board Solid Stairs Main Entrance

GIF Electrical Cupboard Board Solid Stairs Main Entrance

GIF Electrical Cupboard Board Solid Sol

No Ryefield boards, that would provide the feeds to the individual meters within Hillbeck Close, were found during the survey and these may be located within the intake room.

3.3.2 Landlords Services

The distribution cupboards contains the landlord meters and supplies to the communal services i.e. lighting, door entry etc. to both Ullswater House and Hillbeck Close.

cuit No	Destination	Mob Size	Device Bs	L/mm	2 Coc/m	m2 Paint
	Main Switch Bs 5419	100amp		10	16/Co	0
1	Contactor R/T	30 Type 2	3871/2	4	6	1
2	Spare	6 Type 2	3871/2			
3	Coll For R/T	10 Type 2	3871/2	1.5	Condu	1 1
ircuit No		Mcb Size	Device Bs		Cpc/mm	Points.
	Supplied From Time Clock Via DB 1 Cct 1					
Circuit No		Mcb Size	Device Bs	Limm2	Cpc/mm	Points.
	Main Switch Bs 5419	100amp		4	100	
1	Unable to Locate	10 Type 2	3871/2			Live
2	Lights GiF 1-8 9-16 & 17-24 HII Seck Close	10 Type 2	3871/2	1.5	Conduit	13
			-			
3	Spare					
3	Light on the stairs case	10 Type 2	3871/2	1.5	Conduit	
-		10 Type 2 10 Type 2	3871/2	177	Conduit	1
4	Light on the stairs case			1.5	- Charles	-
8 9	Light on the stairs case Lights OIS Rear Ext 25-32 HII Bock Close Lights OIS 25-32 HII Bock Close High Lights Uplicate 25-32 HII Bock Close	10 Type 2	3871/2	1.5	Conduit	1
4 6 7	Light on the stairs case Light on the stairs case Light Off Seet East 25-2110 Seek Close Light Off 25-21 Hill Seek Close (tight Lights Lights 25-22 1410 Seek Close Lights G9 25-21 1410 Seek Close Lights G9 25-21 1410 Seek Close	10 Type 2 10 Type 2	3871/2	1.5	Conduit Conduit	1
1 1 7	Light on the states case Lights Off Sear Ext 25 22 HIS Desk Chees Lights CES 25 29 HIS Seak Chees (Eggs Lights Lightsian 28-32 HIS Seak Chees Lights Lightsian 28-32 HIS Seak Chees Lights CES 28-32 HIS Seak Chees	10 Type 2 10 Type 2 10 Type 2	3871/2 3871/2 3871/2	1.5 1.5 1.6 1.6	Conduit Conduit Conduit	1
4 6 7	Light on the States Case Lights Off Rear East 25-32 HIS Block Cleane Lights OS 25-32 HIS Block Cleane (Lights Lights Ligh	10 Type 2 10 Type 2 10 Type 2 10 Type 2	3871/2 3871/2 3871/2 3871/2	1.5 1.5 1.6 1.6	Conduit Conduit Conduit	•

The switchgear in some of the distribution cupboards have been recently replaced with modern switchgear. The switchgear that has not been replaced appears to be in good condition.



Older Distribution Board



Newer Distribution Board

The system has been modified at differing times throughout the life of the building with some redundant services left exposed.

The wiring found within the system was PVC but using the older red and black coding dating it to before 2004. The new distribution boards are less than 10 years old so appear to have installed to existing circuits.

3.3.3 Communal Lateral Mains

It is unclear how the cables rise from the intake building to the dwellings.

No Ryefield boards were located during the surveys and it possible that the supplies come from the main intake building

3.3.4 Electrical Installation Condition

The condition of the electrical system cannot be globally summarised as there are many facets of the system that require attention.

There are some of the services that are redundant. The distribution board is being used as a bit of trunking!

The new sections of the installation appear to be installed to a high standard and in good operational condition but to existing wiring. This wiring may date back to the building construction however we think it is more likely to date to the creation of Ullswater House in 1992.



The lateral mains were not visible for inspection.

3.3.5 Electrical System Recommendations

Incoming electric distribution

All the supplies to the distribution boards appear to have been replaced with modern SWA cable.

This would suggest that the main panel has been upgraded also.

Landlords Services

We recommend the removal of the redundant switchgear and wiring and the replacement of the older distribution boards. The CIBSE guide suggests these have a life expectancy of 20 years but MK boards installed are already 28 years and appear fully functional.

However, if the wiring dates back to 1992 it is approaching the end of its economic life expectancy. It would be prudent to carry out a full rewire with the replacement of the distribution boards.

The budget allows for the replacement Landlords system to both Ullswater House and Hillbeck Close

3.3.6 **Budget**

The budget below is an extract from main spreadsheet specific to the Electrical system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Wiring	Year 2
Replacement of Landlords distribution	
boards and wiring to sockets and switches	£160,000
Replacement of Landlord services to	
communal areas.	£96,000

3.3.7 Electrical Systems Potential for Extension

Any extension to the building would involve the increase to the incoming electrical main. The main distribution panel will require either replacing with a larger panel or the installation of a second panel to feed the dwellings within the extended section.

An application to the electrical suppliers would be required to see if an increased supply was feasible and the cost for the works.

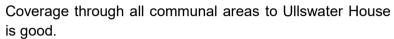
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3.4 **Communal Lighting**

The lighting to the main communal areas for both Ullswater and Hillbeck Close has been replaced with fluorescent lighting in excess of 20 years ago but could easily date back to 1992 making the fitings 28 years old. Some of these fittings have also failed and been replaced as can be seen with the differing levels of "whiteness"

The fittings did not have emergency lighting and so separate bulkheads have been installed to provide the required cover.





Coverage through all communal areas to Hillbeck Close is poor as the level of illuminance is low.

Both buildings have external perimer flood lighting mounted to the walls. These have started to fail and a number have already bee replaced with modern LED fittings. Residents of Hillbeck have complained about areas of low light which would suggest that some additional fittings may be required

3.4.1 Communal Lighting System Recommendations and Budget

The main fittings are estimated to be in excess of 20 years old with an anticipated life of 15 years. The budget below allows for a complete system replacement together with the electrical system as this would make savings to the overall cost of the project. During this replacement improve light levels can be ensured where required.

3.4.2 **Budget**

The budget below is an extract from main spreadsheet specific to the Communal Lighting system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Lighting	Year 3	Year 26-30
Wiring	£110,000	
Internal fixtures	£80,000	£80,000
External fixtures	£77,000	£77,000

3.4.3 Lighting System Potential for Extension

The lighting system can be readily extended to accommodate additional areas.

3.5 **Door Entryphone**

The door entry phone is an audio only entry phone system. The main controller is mounted within a service area of Ullswater House. We were unable to ascertain the age of the system. Based on our visual survey we estimate the system to be in excess of 15 years.

3.5.1 **Budget**

The budget below is an extract from main spreadsheet specific to the Door Entry systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Door Entry System	Year 5	Year 21- 25
Repairs to system		
Full system replacement	£56,250	
Handset and controller replacement		19,750

3.5.2 **Door Entry System Potential for Extension**

The door entry system can be readily extended to accommodate additional areas.

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3.6 Fire Alarm System – Ullswater House

3.6.1 Fire Alarm System Description

Ullswater House has a fire system covering all areas. The main panel is located in the main entrance corridor area next to the sprinkler control panel.

The system appears to be fully operational and installed within the last 10 years.



3.6.2 Fire Alarm System Recommendations

The smoke detectors are recommended to be replaced every 15 years and so are shown in year 7 and again in year 21-25.

The systems wiring appears to have been installed with the new panel and should not require replacement.

The main control panel we have shown in year 12 allowing for it to last 20 years. At this time all call points should be validated and replaced if required.



3.6.3 **Budget**

The budget below is an extract from main spreadsheet specific to the Fire Alarm system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Fire Alarm System	Yrs 6-10	Yrs 11-15	Yrs 26-30
All Smoke/Heat detectors	£15,000		£15,000
Replacement Fire Alarm System		£25,000	

3.6.4 Fire Alarm Potential for Extension

The panel should be able to accommodate additional zones in order to extend the fire alarm system.

3.7 Sprinkler System – Ullswater House

3.7.1 Sprinkler System Description

Ullswater House has a sprinkler system covering all areas. The main panel is located in the main entrance corridor area within a vandal proof enclosure.

The system is a residential system piped in CPVC pipework surface mounted, boxed in, with concealed sidewall sprinkler heads.

The tanks and pumps are located next to the Boiler room but access was not available at the time of the survey.

The system appears to be fully operational and installed with the fire alarm system some 8 - 10 years ago.



3.7.2 Sprinkler System Recommendations

Sprinkler heads have a life expectancy of 30 years and so are shown in years 21-25. CPVC pipework has a life expectancy of 50 years and should not require replacement.



The main control panel we have shown in year 12 allowing for it to last 20 years.

3.7.3 **Budget**

The budget below is an extract from main spreadsheet specific to the Sprinkler system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Sprinker System	Yrs 11- 15	Yrs 16-20
Replacement main panel	£15,000	
Replacement Sprinkler Head		£20,000

3.7.4 Sprinkler System Potential for Extension

The sprinkler system should be able to accommodate additional heads as a residetial system is designed to provide upto four heads with water in the event of a fire. The pump system may require some works to accommodate the additional resistance.

4. In Dwelling Services

4.1 **Heating Systems**

Both Ullswater House and Hillbeck House have steel pipework feed steel panel radiators mostly fitted with TRV's.

The Ullswater radiators have been replaced from the original radiator types found in Hillbeck Close and this appears to have been in 1992 when the building was converetd.



The radiators inspected in the dwellings of Hillbeck Close are likely to be as originally installed making them in excess of 50 years old.



4.1.1 Heating System Recommendations

The heating systems should be fully replaced with the Boiler House and distribution recommended in the Communal Heating section 3.1.3 above.

4.1.2 **Budget**

The budget below is an extract from main spreadsheet specific to the heating system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

<u>Heating System</u>	Year 5
Dwelling pipework and radiators	£320,000

4.2 **Water Services Installation**

4.2.1 **Water Services System Description**

At Hillbeck Close the water supply appears to enter the building at ground floor level and rises up through the building within a concealed duct between the kitchen and bathrooms.

Ullswater House has the same points but these have been routed to serve the communal layout of the building.

The pipework is behind secured access panels was not visible to inspect.

There are no roof mounted storage tank and all serves are mains fed.

The pipework is formed in galvanised steel with any modified pipe formed in copper.

4.2.2 **Water Services System Condition**

The internal condition of the pipework is identified above in section 3.1.2 for the HWS.

It is reasonable to expect the internal surfaces to be failing and any internal corrosion will start a snowball effect and cause the pipework to contaminate the pipework and water supply at an increasing rate.

This photo was taken from flat 18 Hillbeck Close which was not in regular use. The initial flow was far darker and indicates the poor internal condition of the pipework.



4.2.3 **Water Services System Condition Recommendations**

Pipework & valves

This budget covers the complete renewal of the water services pipework system to all dwellings and water outlets.

The works are extensive and disruptive expecting to take between 10-12 months.

Access is required into all dwellings to complete the installation and it may be advisable to combine the works with other items to reduce disruption to the residents.

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4.2.4 **Budget**

The budget below is an extract from main spreadsheet specific to the Water Services systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Water Distribution Services	Year 1	Year 2
Pipework & valves		£384,000

4.2.5 Water Services Potential for Extension

The incoming feed to the building will not support additional dwellings and a new water main will be required.

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4.3 **Ventilation System – Ullswater House Only**

Ventilation is only provided to Ullswater House to the Kitchens areas and Bathrooms. The fans are individual through the wall/window extractor fans linked to the light switches.

The fans are varied in age, condition and type.

Hillbeck Close has openable windows to their Kitchens and Bathrooms.



4.3.1 **Ventilation Systems Recommendations**

As the age and condition of the fans vary so vastly our recommendation is to replace the fans as they fail.

4.3.2 **Budget**

The budget below is an extract from main spreadsheet specific to the Ventilation systems and excludes the preliminaries which were shown as a global addition to the works shown in each year.

<u>Ventilation</u>	Years 1-10	Yrs 16-25
Replacement Fans	£500 / yr	£5,000

4.3.3 **Ventilation Systems Potential for Extension**

These are individual and can be added to any additional areas. Any future design must not obstruct the existing vents.

5. Electrical Services - Hillbeck House Only

5.1.1 **Dwelling Electrical Services**

The electrical supplies enter each dwelling and is metered within a meter enclosure.

The meter and consumer units to all dwellings inspected were in different conditions:

Flat 3 – This dwelling was in the final stages of being refurbished at the time of survey. A new consumer unit had been fitted into the existing space of the old rewireable unit.



Below the consumer unit the connection to the meter has been replaced but the lateral mains going into the cut-out are clearly significantly older and very likely to be the original installation from 1968.

This dwelling appears to have been rewired with all wiring carried out in surface mounted PVC mini-trunking



Flat 29 – This dwelling has an original rewireable fuse board that has been modified to accept MCBs. The are some new sockets in the rooms but it is unclear if it has had a rewire or just the existing circuit extended.



Flat 18 – This dwelling has had a similar installation to other buildings on the estate where a new consumer unit has been butchered to fit into the existing space causing it to be non-compliant.



5.1.2 Electrical Installation Condition

The lateral mains appear to be as originally installed in 1968.

The consumer units within most of the dwellings have been modified to fit a space. This does not comply with the IET regulations and removes any conformity that the consumer unit had.

The board has been cut away at both ends and further cut away to the rear to fit the contours of the space. The two faces are held together by metal screws.

Only the work in Flat 3 appeared to have the internal wiring back to a consumer unit that fits in the space with new meter tails.

5.1.3 Electrical System Recommendations

Dwelling feeds

The budget allows for the replacement of the feeds to each dwelling making allowance for the condition of the service.

Dwelling consumer unit

The budget allows for the replacement of the consumer unit to all dwellings relocating new units to a suitable location without the need for modification. As this is essential work, we have shown this for all dwellings including leaseholders.

Internal Wiring

The services within the dwellings appear to require replacement works and this should be carried out with the replacement of the consumer units.

5.1.4 **Budget**

The budget below is an extract from main spreadsheet specific to the Electrical system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Communal Wiring	Year 3
Lateral mains feeds to dwellings	£208,000
Internal Wiring	£81,000

5.1.5 Electrical Systems Potential for Extension

Any extension to the building would involve the increase to the incoming electrical main. The main distribution panel will require either replacing with a larger panel or the installation of a second panel to feed the dwellings within the extended section.

An application to the electrical suppliers would be required to see if an increased supply was feasible and the cost for the works.

6. Public Health Services

6.1 **Above Ground Drainage**

6.1.1 Above Ground Drainage Description and Condition

Ullswater House

It appears that during the conversion several additonal 100mm PVC soil and vent stacks were installed to serve the buildings' above ground drainage system. The soil pipes are routed both externally and internally to the provide drainage to the kitchens and WC's. The internal runs are in service risers that also contains the water services. These were not accessible during the survey but are believed to be Cast Iron soil vent pipes.



Intenall all above ground drainage is formed in PVC.

Hillbeck Close

The drainage soil pipework is formed of LCC Cast Iron located in sealed service risers between the kitchen and the WC's of each dwelling. The system is a combined soil and vent system.

The local drains to the appliances within each dwelling are formed in uPVC pipe but due to the location of the riser we were unable to determine if these were originally copper.

Life expectancy of Cast Iron soil pipes is listed within CIBSE Guide M at 35 years although many manufacturers quote life expectancies of up to 100 Years. PVC has a life of 20 years. Much of the modified local PVC drains age cannot be determined although some of the fittings have "yellowed" and appear over 20 years old.

As the main soil stack does not provide consumable services, internal corrosion is not a consideration in its replacement and we consider the pipework usable until it leaks. Furthermore, the system is internally mounted and not subject to weather extremes which would extend its life expectancy.

6.1.2 Above Ground Drainage Recommendations and Budget

Replacement of the uPVC drainage would be carried out as part of any kitchen and Bathroom refurbishment. The condition of the Kitchens and bathrooms were such that this replacement is anticipated before any failure of the uPVC drainage pipe.

The main soil pipes serve just two dwellings vertically and are unlikely to require any works for the foreseeable future.

The connections to the main stacks have been modified and experience from other locations has found that the connections are often poor causing leakage to the dwellings below.

Our recommendation is that all connections from the main soil vent stack are remade to a point external to the riser that the resident can then connect to for all future connections.

Above Ground Drainage	Year 2
Kentmere House remaking connection to stack	£38,400
Hillbeck Close remaking connection to stack	£38,400

6.1.3 Above Ground Drainage System Potential for Extension

The above ground drainage system can be readily extended to accommodate additional areas particularly if the extension is vertical. Any side extension would require additional soil stacks.

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Appendix A – Typical Budget Costs

Attached is the budget cost spreadsheet for Ullswater House and Hillbeck Close. These are for capital works and no allowance has been made for day to day maintenance or statutory inspections.

Budget costs are based on today's rates and determined by recent projects of a similar type many of which are within London Borough Councils with reference to specialist manufacturers for some items. Works are based on similar system replacement.

Some systems will require replacement more than once during the 30-year plan i.e. extract fans have a life expectancy of 15 years and so are shown more than once on the programme.

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Ullswater House and Hillbeck Close = CHP Scheme Budget Modifications:

Ullswater House and the blocks forming Hillbeck Close are currently served by a central boiler house located between to the rear of Ullswater House.

Using the district SELCHP (CHP) scheme will involve the following:

- 1. The refurbishment of the existing boiler house for the CHP mains to enter and have installed four plate heat exchangers (two for Ullswater and two for Hillbeck Close). Our budget includes for the services to the building side of the plate heat exchangers. The plates and all pipework to the CHP system are costed by others.
- 2. Within the plant room the building side includes the installation of pumps, pressurisation units, expansion vessels and controls for the distribution to the dwellings. We have allow separate circuits to serve Ullswater House as this building will not require HIU's.
- 3. The plantroom services have a life expectancy of 20 years and so an allowance for a second replacement has been made in years 21-25.
- 4. The pipework distribution to the entrance of each dwelling including isolation valves, pressure sensors and flushing bypasses This has been costed as if carried out with the water services as the routes are likely to be identical.
- 5. Within the Hillbeck Close dwellings an allowance has been made for the installation of a Heat Interface Unit (HIU) feeding radiators including all the pipework.
- 6. The HIU has a life expectancy of 20 years and an allowance have been included for the replacement of these in years 21-25.
- 7. HIUs use mains water pressure and so the water pipework replacement has been moved to match the heating installation.

Rainwater pipework has not been inspected. No works are anticipated outside of normal pipe clearance due to external blockages etc. over the 30 year budget period. However, internal damage may have occurred due to historic or future poor maintenance issues which may require some remedial works.

2-40 Ullswater House - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Component of Work	Year 1 Ye	ear 2	Year 3	Year 4	Year 5	Yı	rs 06-10 Y	rs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30	Tenure Allocation
Heating System													
Refurbishment of Central Plantroom (Apportioned)	0	0	3,200		0	0	0	0	0	0	0	,	Rented Communal
Central Plant from CHP Plates (Apportioned)	0	0	48,000		0	0	0	0	0	48,000	0	,	Rented Communal
Pipework Distribution up to dwellings	0	0	256,000		0	0	0	0			0	256,000	Rented Communal
Internal heating systems fit-out Radiators and Pipework - No HIU as dwellings two small	0	0	160,000		0	0	0	0	0	0	0	160,000	Rented Internal
Communal Wiring Replacement Landlords distribution boards and wiring to sockets and switches	0	0	80,000		0	0	0	0	0	0	0	80,000	Rented Communal
Replacement of Landlord services to communal areas.	0	0	80,000		0	0	0	0	0	0	0	80,000	Rented Communal
Communal Lighting													
Wiring	0		50,000		0	0	0	0	0	0	0	,	Rented Communal
Internal fixtures	0		40,000		0	0	0		0	40,000	0	,	Rented Communal
External fixtures	0		21,000		0	0	0		0	21,000	0	42,000	Rented Communal
Door Entry	0	0	0		0 35	,250	0	0	0	11,750	0	47,000	Rented Communal
Fire Alarm System													
Smoke Detectors	0	0	0		0	0	15,000	0	0	0	15,000		Rented Communal
Main Panel	0	0	0		0	0	0	10,000	0	0	0	10,000	Rented Communal
<u>Sprinkler System</u>													
Sprinkler Heads	0	0	0		0	0	0	0	20,000	0	0	-,	Rented Communal
Main Panel	0	0	0		0	0	0	15,000	0	0	0	15,000	Rented Communal
Water Distribution Services Pipework & valves	0	0	192,000		0	0	0	0	0	0	0	192,000	Rented Communal
<u>Ventilation - Ullswater Only</u> Fans	500	500	500	50	00	500	2,500	0	2,500	2,500	0	10,000	Rented Internal
In Dwelling Electrical Internal Wiring	0	0	98,000		0	0	0	0	0	0	0	98,000	Rented Internal
Soil & Waste Services Above Ground (Dwelling drainage)	0	38,400	0		0	0	0	0	0	0	0	38,400	Rented Communal
Rain Water System See comment in addendum	0	0	0		0	0	0	0	0	0	0	0	Rented Communal
Total Excludes Preliminaries	500	38,900	1,028,700	50	00 35	,750	112,500	25,000	22,500	123,250	15,000	1,307,600	
Tenure Split													
Block - All Tenures	0	38,400	770,200		0 35	,250	15,000	25,000	20,000	120,750	15,000	1,039,600	
SC Rented 4	9 0	38,400	770,200		0 35	,250	15,000	25,000	20,000	120,750	15,000	1,039,600	SC Rented
	0 0	0	0		0	0	0	0	0	0	0	0	Leasehold
4	9 0	38,400	770,200		0 35	,250	0	25,000	20,000	120,750	15,000	1,039,600	
Internal Dwellings SC Rented 4	9 500	500	258,500	50	00	500	2,500	0	2,500	2,500	0	268,000	SC Rented

1-8 Hillbeck Close - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Component of Work	Voc	r 1 1	Year 2	Voor 2	Voor 1	Voar E	Vrc 06 10	Yrs 11-15	Vrc 16 20 1	Vrc 21 25 1	Vrs 26 20	Vrc 1 20	Tenure Allocation
Component of Work	rea	I T	rear 2	rear 3	rear 4	Year 5	112 00-10	112 11-12	112 10-50	112 51-52	115 20-30	112 1-30	Tenure Allocation
Heating System													
Refurbishment of Central Plantroom (Apportioned)		0	0	800	0	0	0	0	0	0	0	800	Incl Leaseholders
Central Plant from CHP Plates (Apportioned)		0	0	12000	0	0	0	0	0	12000	0	24,000	Incl Leaseholders
Pipework Distribution up to dwellings		0	0	64000	0	0	0	0	0	0	0	64,000	Incl Leaseholders
Internal heating systems fit-out Radiators and Pipework - No HIU as dwellings two small		0		64,000	0	0	0	0	0	0	0	64,000	Incl Leaseholders
Internal heating systems replacement HIU		0	0	0	0	0	0	0	0	24,000	0	24,000	Incl Leaseholders
Communal Wiring													
Replacement Landlords distribution boards and		•	•	20.000	•				•			20.000	
wiring to sockets and switches		0	0	20,000	0	0	0	0	0	0	0	20,000	Incl Leaseholders
Replacement of Landlord services to communal		0	0	4,000	0	0	0	0	0	0	0	4,000	Incl Leaseholders
areas.		Ü	·	.,000	· ·	ŭ	· ·	· ·	· ·	· ·	ū	.,000	mor zeasemoraers
Communal Lighting													
Wiring		0	0	15,000	0	0	0	0	0	0	0	15,000	Incl Leaseholders
Internal fixtures		0	0	10,000	0	0	0	0	0	0	10,000	20,000	Incl Leaseholders
External fixtures		0	0	7,000	0	0	0	0	0	0	7,000	14,000	Incl Leaseholders
<u>Door Entry</u>		0	0	0	0	6,000	0	0	0	2,000	0	8,000	Incl Leaseholders
Water Distribution Services													
Pipework & valves		0	0	48,000	0	0	0	0	0	0	0	48,000	Incl Leaseholders
In Dwelling Electrical													
Lateral mains feeds to dwellings		0	0	52,000	0	0	0	0	0	0	0	52,000	Incl Leaseholders
Internal Wiring		0	0	,	0	0	0		0	0	0	24,000	Rented Properties Only
Soil & Waste Services		•	0.000	0	0	0	0	0	0	0	0	0.600	lool Lancabaldon
Above Ground (Dwelling drainage)		0	9,600	0	0	0	0	0	0	0	0	9,600	Incl Leaseholders
Rain Water System													
See comment in addendum		0	0	0	0	0	0	0	0	0	0	0	Incl Leaseholders
Total Excludes Preliminaries		0	9,600	320,800	0	6,000	0	0	0	38,000	17,000	391,400	
Tenure Split													
Block - All Tenures		0	9,600	296,800	0	6,000	0	0	0	38,000	17,000	367,400	
605			0.000	200.000		C 000				20.000	17.000	267.400	
SC Rented Leasehold	8	0	9,600	296,800 0	0	6,000 0	0		0	38,000 0	17,000	367,400 0	
Leasenoid	8	0		296,800	0	6,000	0		0	38,000		367,400	
Internal Dwellings	-	-	-,0	,-30	· ·	-,-50	· ·	· ·	· ·	,-30	,_,	, 0	
SC Rented	8	0	0	24,000	0	0	0	0	0	0	0	24,000	

9-16 Hillbeck Close - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Component of Work	Year 1	Year 2	Year 3	Year 4	ear 5	Yrs 06-10	/rs 11-15 Y	rs 16-20	/rs 21-25 Y	rs 26-30	/rs 1-30	Tenure Allocation	
Heating System													
Refurbishment of Central Plantroom (Apportioned)	C	0	800	0	0	0	0	0	0	0	800	Incl Leaseholders	800
Central Plant from CHP Plates (Apportioned) Pipework Distribution up to dwellings	0		12000 64000		0 0	0 0	0 0	0 0	12000 0	0 0	24,000 64,000	Incl Leaseholders Incl Leaseholders	24000 69000
Internal heating systems fit-out Radiators and Pipework - No HIU as dwellings two small	C	0	64,000	0	0	0	0	0	0	0	64,000	Incl Leaseholders	64000
Internal heating systems replacement HIU	C	0	0	0	0	0	0	0	24,000	0	24,000	Incl Leaseholders	24000
Communal Wiring Replacement Landlords distribution boards and wiring to sockets and switches	C	0	20,000	0	0	0	0	0	0	0	20,000	Incl Leaseholders	20000
Replacement of Landlord services to communal areas.	C	0	4,000	0	0	0	0	0	0	0	4,000	Incl Leaseholders	4000
Communal Lighting Wiring	C	0	15,000	0	0	0	0	0	0	0	15,000	Incl Leaseholders	15000
Internal fixtures	C	0	10,000	0	0	0	0	0	0	10,000	20,000	Incl Leaseholders	20000
External fixtures	C	0	7,000	0	0	0	0	0	0	7,000	14,000	Incl Leaseholders	14000
<u>Door Entry</u>	C	0	0	0	6,000	0	0	0	2,000	0	8,000	Incl Leaseholders	8000
<u>Water Distribution Services</u> Pipework & valves	C	0	48,000	0	0	0	0	0	0	0	48,000	Incl Leaseholders	48000
In Dwelling Electrical			F2 000	0	0	0	0	0	0	0	F3 000	In al. I. a a a a b a l d a va	52000
Lateral mains feeds to dwellings Internal Wiring	C		52,000 24,000		0	0	0 0	0	0	0	52,000 24,000	Incl Leaseholders Rented Properties Only	24000
internal wiring		. 0	24,000	O	O	O	Ü	U	O	U	24,000	Refited Properties Offig	24000
Soil & Waste Services Above Ground (Dwelling drainage)	C	9,600	0	0	0	0	0	0	0	0	9,600	Incl Leaseholders	9600
Rain Water System See comment in addendum	C	0	0	0	0	0	0	0	0	0	0	Incl Leaseholders	0
Total Excludes Preliminaries	- 0	9,600	320,800	0	6,000	0	0	0	38,000	17,000	391,400		
Tenure Split													
Block - All Tenures	C	9,600	296,800	0	6,000	0	0	0	38,000	17,000	367,400		
SC Rented	5 0	6,000	185,500	0	3,750	0	0	0	23,750	10,625	229,625		
Leasehold	3 0	3,600	111,300	0	2,250	0	0	0	14,250	6,375	137,775		
 Internal Dwellings	8 0		296,800		6,000	0	0	0	38,000	17,000	367,400		
_	5 0	0	24,000	0	0	0	0	0	0	0	24,000		

17-24 Hillbeck Close - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

Component of Work	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Vrc 11 15	Yrs 16-20	Yrs 21	25	Yrs 26-30	Yrs 1-30	Tenure Allocation
component of work	Teal 1	real Z	real 3	rear 4	Teal 5	112 00-10	1115 11-15	115 10-20	115 21	25	115 20-30	115 1-30	Tenure Allocation
Heating System													
Refurbishment of Central Plantroom (Apportioned)	C) (0 80	00	0 0		0	0	0	0		0 800	Incl Leaseholders
Central Plant from CHP Plates (Apportioned)	C		1200		0 0		0	0	0	12000		0 24,000	Incl Leaseholders
Pipework Distribution up to dwellings	C) (6400	00	0 0		0	0	0	0		0 64,000	Incl Leaseholders
Internal heating systems fit-out Radiators and Pipework - No HIU as dwellings two small	C) (64,00	00	0 0		0	0	0	0		0 64,000	Incl Leaseholders
Internal heating systems replacement HIU	C) (ס	0	0 0		0	0	0 2	24,000		0 24,000	Incl Leaseholders
Communal Wiring													
Replacement Landlords distribution boards and wiring to sockets and switches	C) (20,00	00	0 0		0	0	0	0		0 20,000	Incl Leaseholders
Replacement of Landlord services to communal areas.	C) (9,00	00	0 0		0	0	0	0		0 4,000	Incl Leaseholders
Communal Lighting													
Wiring	C				0 0		0	0	0	0		0 15,000	Incl Leaseholders
Internal fixtures	C		•		0 0		0	0	0	0	10,00	-	Incl Leaseholders
External fixtures	C) (7,00	00	0 0		0	0	0	0	7,00	0 14,000	Incl Leaseholders
<u>Door Entry</u>	C) ()	0	0 6,000		0	0	0	2,000		0 8,000	Incl Leaseholders
Water Distribution Services													
Pipework & valves	C) (0 48,00	00	0 0		0	0	0	0		0 48,000	Incl Leaseholders
In Dwelling Electrical													
Lateral mains feeds to dwellings	C		•		0 0		0	0	0	0		0 52,000	Incl Leaseholders
Internal Wiring	C) (24,00	00	0 0		0	0	0	0		0 24,000	Rented Properties Only
Soil & Waste Services													
Above Ground (Dwelling drainage)	C	9,600)	0	0 0		0	0	0	0		0 9,600	Incl Leaseholders
Rain Water System													
See comment in addendum	C) (ס	0	0 0		0	0	0	0		0 0	Incl Leaseholders
Total Excludes Preliminaries		9,600	320,80	00	0 6,000	112,50	0	0	0 3	38,000	17,00	0 391,400	
Tenure Split													
Block - All Tenures	C	9,600	296,80	00	0 6,000		0	0	0 3	38,000	17,00	0 367,400	
SC Rented	7 0	8,400	259,70	00	0 5,250		0	0	0 3	33,250	14,87	5 321,475	
Leasehold	1 0		-		0 750		0	0	0	4,750	2,12	-	
	8 0	9,600	296,80	00	0 6,000		0	0	0 3	38,000	17,00	0 367,400	
Internal Dwellings SC Rented	7 0) (24,00	00	0 0		0	0	0	0		0 24,000	
	_		.,		•					-		,	

25-32 Hillbeck Close - Mechanical Electrical Only - Exclusive of Preliminaries, Professional Fees & VAT

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Component of Work	Year 1	Year 2	Year	3 Y	ear 4	rear 5 Y	rs 06-10	Yrs 11-15	Yrs 16-20	Yr	rs 21-25	Yrs 26-30	Yrs 1-30	Tenure Allocation
Heating System														
Refurbishment of Central Plantroom (Apportioned)		0	0	800	0	0	()	0	0	0		0 800	Incl Leaseholders
Central Plant from CHP Plates (Apportioned) Pipework Distribution up to dwellings		0 0	0 0	12000 64000	0 0	0 0	(0 0	0 0	12000 0		0 24,000 0 64,000	Incl Leaseholders Incl Leaseholders
Internal heating systems fit-out Radiators and Pipework - No HIU as dwellings two small		0	0	64,000	0	0	()	0	0	0		0 64,000	Incl Leaseholders
Internal heating systems replacement HIU		0	0	0	0	0	()	0	0	24,000		0 24,000	Incl Leaseholders
<u>Communal Wiring</u> Replacement Landlords distribution boards and wiring to sockets and switches		0	0	20,000	0	0	C)	0	0	0		0 20,000	Incl Leaseholders
Replacement of Landlord services to communal areas.		0	0	4,000	0	0	()	0	0	0		0 4,000	Incl Leaseholders
Communal Lighting Wiring		0	0	15,000	0	0	C		0	0	0		0 15,000	Incl Leaseholders
Internal fixtures		0	0	10,000	0	0	(0	0	0	,		Incl Leaseholders
External fixtures		0	0	7,000	0	0	()	0	0	0	7,00	0 14,000	Incl Leaseholders
Door Entry		0	0	0	0	6,000	()	0	0	2,000		0 8,000	Incl Leaseholders
Water Distribution Services Pipework & valves		0	0	48,000	0	0	C)	0	0	0		0 48,000	Incl Leaseholders
In <u>Dwelling Electrical</u> Lateral mains feeds to dwellings		0	0	52,000	0	0	(1	0	0	0		0 52,000	Incl Leaseholders
Internal Wiring		0	0	24,000	0	0			0	0	0		0 32,000	Rented Properties Only
internal Willing		O	O	24,000	J	o o		,	O	Ü	o o		24,000	Rented Properties Only
Soil & Waste Services Above Ground (Dwelling drainage)		0 9,6	600	0	0	0	()	0	0	0		0 9,600	Incl Leaseholders
Rain Water System See comment in addendum		0	0	0	0	0	C)	0	0	0		0 0	Incl Leaseholders
Total Excludes Preliminaries		0 9,6	000	320,800	0	6,000	112,500)	0	0	38,000	17,00	0 391,400	
Tenure Split														
Block - All Tenures		0 9,6	00	296,800	0	6,000	()	0	0	38,000	17,00	0 367,400	
SC Rented	7	0 8,4	.00	259,700	0	5,250	()	0	0	33,250	14,87	5 321,475	
Leasehold		0 1,2		37,100	0	750	(0	0	4,750	2,12	•	
-		0 9,6		296,800	0	6,000			0	0	38,000	17,00	•	
Internal Dwellings SC Rented	7	0	0	24,000	0	0	()	0	0	0		0 24,000	
3C Kenteu	,	•	U	27,000	U	J	,	•	•	U	U		24,000	

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 Project No. 001/0095





Condition Report of the Building Services Installation.

Estate Lighting on the Tustin Estate.

Prepared by MCCE on behalf of Hunter & Partners for Southwark Council

23rd January 2020



MCCE

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CONFIDENTIAL
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Version No: 1

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1. Introduction

1.1 Background

The buildings forming the Tustin Estate were built 1968 by Southwark Council. The has Estate a large amount of pedestrian only access between the buildings.

These are illuminated by lamp posts and lighting off the nearest buildings.

This report reviews the condition of the Estate lighting. The report specifically reviews the condition of the post lighting as the light fittings off the buildings are reviewed and costed.

as the light fittings off the buildings are reviewed and costed within the individual buildings forming the Estate.



1.2 **Project Brief**

The project brief from Southwark Council, relevant to MCCE's services, was to review the condition of the services and produce a works budget forecast to detail estimated costs for the future capital works required on the building over a 30-year period.

The building services systems condition has been estimated during the visual survey, with discussions with the incumbent engineers, the site team, Southwark Councils engineering team and using the CIBSE Indicative Economic Life Expectancy guide adjusted against our experience of services installations.

The budgets have been based on today's values for capital works only and no account has been taken for future inflation, day to day maintenance servicing or statutory inspections.

1.3 **Survey**

Several surveys were carried out between 30th October 2019 and early January 2020.

The surveys were visual and subject to the accessibility to inspect.

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2. Lighting – Communal

The Estate lighting to the main communal footpaths has been modified several times since the Estate was constructed.

There is now a mixture of fittings providing light to the estate including fittings with:

- High Pressure Sodium Lamps
- Fluorescent Lamps
- LED

A number of the fittings to the external walls have severely degraded and "yellowed"

Coverage through all communal areas is below ideal.

Below is a tabular review of the fittings both block mounted and pole mounted

2.1 Bowness House

Location	Туре		Condition / Comment
Front elevation over shops		High Pressure Sodium Fitting	Over 20 years old and at end of life. Wiring to rear faded.
Front elevation over motorcycle park	-	Crompton Darksky High Pressure Sodium Fitting	Over 15 years old and at end of life.
Under building bridge section / main entrance lobby and to rear car park side of building	Fittings are modern LE	ED type fittings	Recently installed using existing conduit but unclear if the wiring was replaced at the same time.
Bin enclosure	Flu	orescent fitting	This fitting has broken lens and is unlikely to be working.

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2.2 Ullswater House and Hillbeck Close

Location	Туре		Condition / Comment
Ullswater House Entrance side		Mixture of Crompton Darksky High Pressure Sodium Fitting and modern LED	It appears a number of the high pressure sodium (SON) fittings have failed and been replaced with LED Flood Lighting.
		floodlighting	This suggests that these type of fittings are approaching their end of economic life and will continue to fail.
Hillbeck Close / Pilgrims Way School Side	High	npton Darksky Pressure um Fitting	Over 15 years old and at end of life.
Hillbeck Close entrance lighting and to the rear of Hillbeck Close to boiler room entrance.	High Press Fitting	sure Sodium	Over 15 years old and at end of life.

2.3 Manor Grove

Location	Туре		Condition / Comment
Manor Grove Road side		High Pressure Sodium Fitting and LED square fitting	It is unclear if the floodlight still operates. The new LED lighting is fitted to all blocks. This light throws outward and does no illuminate the pavement effectively.
Pedestrian walkways between blocks		LED square fitting	These fittings are less than five years old but appear to be connected to existing wiring. The wall mounted fitted throws its light outwards and does not effectively illuminate the path.
Car Park side	-	Crompton Darksky High Pressure Sodium Fitting	

2.4 Kentmere House

Location	Туре	Condition / Comment
Entrance side	The only external estate light is over the car park area. This is a high pressure sodium fitting.	Over 15 years old, at end of life. The pedestrian walkway relies on the balcony lighting for illumination.

2.5 **Heversham House**

	Over 15 years old, at end of life. The pedestrian
	walkway relies on the balcony lighting for illumination.
Modern LED lighting on poles to the car park area.	
LED square fitting	These fittings are less than five years old and illuminate the paving along the footpath in front of the block
	area.

2.6 **General Estate Lighting**

The Estate Lighting costed in this report relates to the light fittings on Poles as the building mounted fittings described above are costed with the buildings they are mounted on.

There are 23 pole mounted fittings and these are a mixture of LED and SON - High Pressure Sodium fittings.

All the SON lamps is approaching the end of its economic life and many of the equivalent building mounted fitted have already been replaced.





With these fittings are the typical type use on the estate. They are High Pressure Sodium lamps and are complete with daylight sensors.

The exception to the is a new column to the rear entrance of Heversham House and the Heversham Car Park where modern LED fitting have been installed.



There are 23 fittings with a combination of single head or double head fittings. 8 of the are LED leaving 15 that are SON lamps.

There is one pole that was clearly damaged.

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2.7 **Communal Lighting System Recommendations**

The SON, High Pressure Sodium, fittings are estimated to be approximately 15-20 years old with an anticipated life of 15 years. Some of the fittings have already failed and been replaced.

We recommend the SON lamps fitting be replaced with new LED fittings. These will provide up to 20 years' service without having to change the lamp and at a reduced energy consumption.

It is unclear if the wiring to the poles has been replaced and so for budgetary purposes we have included for new ducted cable.

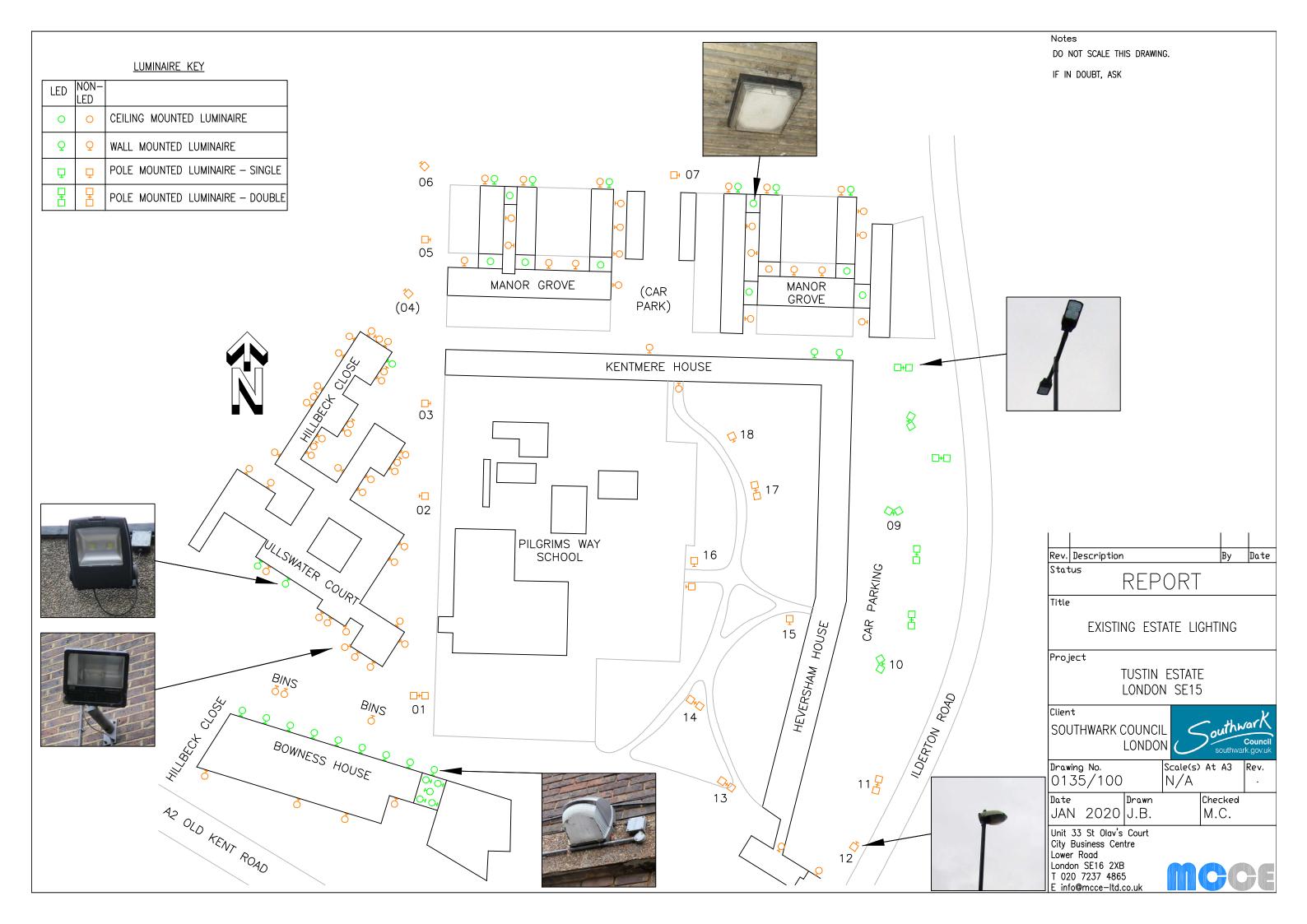
2.8 **Budget Costs**

The budget below is specific to the Estate Lighting system and excludes the preliminaries which were shown as a global addition to the works shown in each year.

Budget costs are based on today's rates and determined by recent projects of a similar type many of which are within London Borough Councils with reference to specialist manufacturers for some items. Works are based on similar system replacement.

Communal Lighting	Year 3	Yrs 21-25	Yrs 26-30
Wiring to all fittings	£92,000		
External Light fixtures x 15	15,000		15,000
Replacement LEDs for Heversham House		£8,000	

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TONY WARREN LIMITED

LIFT CONSULTANTS



REPORT

on

ONE LIFT

at

BOWNESS HOUSE HILLBECK CLOSE LONDON E14 BOWNESS HOUSE TONY WARREN LIMITED

Report on: The condition of the lift, asset register, compliance with current

standards, suitability, life expectancy, recommended works

Commissioned by: MCCE Limited

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Tower Bridge Business Complex

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Date: November 2019

Issue No:

Reference: P191104-1/ACW

BOWNESS HOUSE TONY WARREN LIMITED

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BOWNESS HOUSE TONY WARREN LIMITED

1 Introduction

1.1 Scope

This report has been prepared by Tony Warren Ltd to cover a study into the vertical transportation systems at Bowness House, Hillbeck Close, London SE15.

Tony Warren Ltd was appointed by MCCE Limited on behalf of its client to undertake a survey of the vertical transportation systems, the scope of the appointment requiring:

a detailed description of areas of non-compliance with reference to the relevant legislation and standards for each item

an assessment of risk for each identified breach in compliance

recommendations for works to address the areas of non-compliance

a costed assessment of the anticipated remaining of the lifts

advice on whether issues can be deferred

an assessment of whether the existing lifts are fit for purpose

The survey was undertaken on 25th November 2019 and constituted a visual inspection of the vertical transportation systems within the building, observed under normal operating conditions wherever possible.

No dismantling of components was undertaken and access panels were only removed where safe to do so and where no interruption of services would occur. This type of visual survey may not fully establish the true condition of the equipment, as it is common to find plant, which from an external view appears satisfactory, to have a history of operational problems.

It should be noted that no design checks were carried out within the scope of this survey.

The survey did not include any examination of deleterious materials within the property and the findings summarised within this report do not allow for the treatment of such materials to affect any recommendations.

Comments made within this report are not intended to satisfy the statutory biannual 'Through Examination and Inspection' reports required under the Lifting Operations and Lifting Equipment Regulations or the 'Guidelines on the Supplementary Tests of In-Service Lifts' issued by the Safety Advisory Federation (SAFed).

The above statements are to set the parameters of the study and do not imply any deep-seated problems.

Observations made in this report on the condition of the existing equipment do not take into account the provisions of any maintenance contract, which may cover some of the recommended works.

1.2 Philosophy

The relevant legislation and standards in respect of health and safety, and disabled use, and the interpretations of these that have been used in the compilation of this report, are detailed in Appendices 5 and 6 respectively.

2 Findings

2.1 General

There is a single passenger lift in this residential building, outline details of which are shown in the Asset Register in Appendix 1.

2.2 Quality and Condition

The lift is thought to have been installed new at the time of the building's construction approximately 50 years ago and have been modernised at least once since, most recently in 2008, the scope of works at that time thought to have been complete replacement other than the guides and counterweight.

It is in reasonable visual condition considering its environment.

There is no maintenance log card evident on site, so no comment can be made on the lift's reliability.

The quality of the lift is high, with good quality components from reputable suppliers, and with a robust design suited to its environment and use.

The lift appears to have no major faults, however there are a few minor ones, eg the car's position indicator is not working.

2.3 Health and Safety Issues

The lift is almost fully compliant with current health and safety standards (see Appendix 5), however some works are necessary for full compliance and a schedule of these is given in Appendix 2.

These are relatively minor deviations from relevant standards and the risk is low.

2.4 Operational Issues

There are a few minor additional items of an operational nature and a schedule of these is given in Appendix 3.

2.5 Disabled Access

There are a few items on the lifts of non-compliance with current disabled access standards (see Appendix 6) and a schedule of these is given in Appendix 4.

Again these are relatively minor deviations and easily resolved.

2.6 Suitability for Use

The lifts are in good condition, designed, manufactured and installed to a high standard, using components ideally suited to local authority general housing, being of resilient construction with ant-vandal features.

Asset Register Appendix 1

Lift 3187

Number and Type of Lift One passenger

Location Main Core

Contract Load 8 person 630kg

Floors Served 3 (G, 1, 5)
Contract Speed 0.67m/s

Control System Down collective

Drive System Variable frequency geared traction

Machine Room Position Directly above at roof level

Car Entrance Power operated single panel side opening door
Landing Entrances Power operated single panel side opening doors

Entrance Protection Non-contact safety edge

Contractor and Installation Date Unknown in 1960s/70s approximately

Health & Safety Items

Appendix 2

1. The 'lift machine room', which should not be accessible to others than 'authorised persons' for safety reasons, provides access to the external roof, therefore the lift equipment, ie the machine and controller, should be 'fenced off' by the provision of full height mesh screens to separate it from the access route area, with an access door fitted with a lock/snib and a "Danger" notice.

- 2. A suitable notice warning of the falling hazard of an open trapdoor should be mounted on the wall of the machine room adjacent to the trap door.
- 3. A barrier with a hinged bar for access should be provided around the trapdoor used to access the machine room to guard against the falling hazard when the trapdoor is open.
- 4. Handrails are fitted to the car top to guard against the falling hazard, however there are no toeguards and these should be fitted in line with current standards.
- 5. There are no inspection controls in the pit, similar to those on the car top, to allow a person in the pit to move the car without relying on others, as required by current British Standards, and these should be provided.
- 6. There is no means of opening the lowest landing entrance when in the pit, as required by current British Standards, and suitable means should be provided.
- 7. The operation of the electronic safety edge on the car doors is too insensitive, as it is allows the doors to close on a person's arm without reversing, and the edge should be adjusted to operate without striking obstructions.

Operational Items Appendix 3

1. The car floor push legends are worn and are difficult to read, and the pressels should be changed.

2. All of the car position indicator signals are out of service and should be reinstated.

Disabled Use Compliance

Appendix 4

Current disabled access standards (see Appendix 6) are not met by the lift due to the following:

the lack of handrails on the controls side wall of the car

the lack of visual and audible indication to passengers waiting on the landing of the arrival of the lift and its proposed direction of travel

Modifying the lift to comply with current standards is relatively simple:

a handrail on a side wall is simply provided

'hall lantern' arrows to indicate the proposed direction of the car can be provided on the rear wall or door jamb of the car, visible to persons waiting on the landing

Current Health and Safety Standards

Appendix 5

There is a multitude of British Standards, statutory instruments and Health and Safety Executive 'Guidance Notes' that relate to lifts, in addition to the expectations of insurance companies and accepted good trade practice.

Other than BS EN 81, British Standards are generally accepted as a minimum standard under health and safety requirements and non-compliance without good reason may lead to legal difficulties as the courts approve compliance with British Standards' recommendations, and insurance companies expect installations which they cover to comply.

Additionally, British Standards are not intended to be retrospective in most cases, ie a newly published requirement would apply to all new lifts and major refurbishment of current installations, however it would not necessarily be expected to be applied to existing lifts otherwise. For example, mechanics' car top control units should include a 'common' button in addition to the 'up' and 'down' buttons to meet current requirements, but it is not expected that existing non-compliant units be replaced except as part of other refurbishment works.

Lifts need to comply with the Health and Safety at Work etc Act 1974 which is not specific, other than to require the installation and environment to be safe for passengers, maintenance operatives and others alike.

The recommendations within in this report include the following requirements:

- a. safe access and escape to/from machine room, lift well and pit
- b. safe working and operational environments in normal and emergency situations
- c. compliance with current BS requirements on safety (rather than design) matters
- d. precautions against fire

Current Disabled Access Standards

Appendix 6

It is necessary to provide access for disabled users in new buildings in accordance with Part M of Building Regulations and the requirements of this standard have been used for the purpose of assessing the minimum suitability of a lift for disabled passengers.

These Regulations, while allowing ramps, effectively specify a lift for multi-storey buildings, with certain characteristics. These features are listed below and comments in this report indicate where the lift does not meet these requirements:

- e. a 'standard' 8 person car, 1100mm wide x 1400mm deep
- f. landing in front of entrance at least 1500mm wide x 1500mm deep
- g. a clear entrance width of 800mm
- h. car controls between 850mm and 1200mm above floor level
- i. car controls at least 400mm from the front wall
- j. landing controls between 850mm and 1100mm above floor level
- k. tactile indication on or adjacent to the car buttons to identify the floor selected
- l. tactile indication on the landing adjacent to the call button to identify the floor level
- m. visual indication (position indicator) of the floor reached, if more than three floors
- n. audible indication (voice synthesizer) of the floor reached, if more than three floors
- o. a signalling system to advise that a lift is answering a landing call
- p. a 'door open' period of five seconds, or three seconds if provided with electronic safety edges or light rays

The Disability Discrimination Act 1995 (the DDA, replaced by the Equality Act in 2010), imposes responsibilities upon 'service providers', ie those providing a service to the public — for example, restaurants, hotels, cinema, shops. From October 2004, it has been necessary for service providers to make 'reasonable...physical alterations' to existing building facilities if necessary to comply with this statutory instrument, however the requirements are not clearly defined as:

- a. the Act does not specifically refer to lifts in any way
- b. the Act refers to Building Regulations Part M, however this does not include all the provisions of Part 70 of BS EN 81 'Accessibility to lifts for persons including persons with disability', which applies to new lifts under the Lift Regulations

It is good practice to comply with Part 70 and the following requirements will be applicable:

- a. power operated horizontally sliding doors
- b. adjustable door dwell ('door open') time to be adjustable (normally 2-20 seconds) with 'quick close' override in car, e.g. 'door close' button
- c. full height (25-1800 mm) non-contact door protection device (safety edge)
- d. handrail on at least one side wall, with gripping part 30-45 mm wide with minimum radius of 10 mm, 35 mm minimum gap to wall, 900 mm ± 25 mm from floor level to top of handrail, and handrail closed to wall
- e. mirror to allow wheelchair users to observe obstacles when backing out of car where the car is not large enough to allow the user to turn before existing

f. means to avoid substantially mirrored walls to be taken to avoid creating optical confusion for passengers with impaired vision, e.g. decorated mirror or starting mirror 300 mm above car floor

- g. car to stop at floor level ± 10 mm and be maintained at floor level ± 20 mm during loading/unloading operations
- h. 'alarm' button to be yellow with bell shaped symbol
- i. alarm and door buttons at least 900 mm to centreline from car floor, floor buttons above reading from left to right, bottom to top
- j. car control panel to be on right hand wall (looking from landing) for centre opening doors, on the closing side for side opening doors
- k. minimum area and dimensions for control buttons which should be identifiable visually and by touch from faceplate or surrounds, faceplate to contrast in colour from its surround, 2.5-5.0 n force to operate buttons
- operating feedback required to inform user that button, once pushed, has operated, with visual and audible registration feedback on every operation of button even if call is already registered
- m. exit floor button, eg Ground, to protrude 5mm $\pm 1\text{mm}$ more than other buttons and be preferably green
- n. button symbols to be in relief (minimum 0.8mm), 15-40mm high, on or within 10-15mm to left of button, at least 10mm gap between call buttons, double this gap between call buttons and other buttons
- o. landing controls to be 900-1100mm above floor level and at least 500mm to any corner of adjacent walls, car controls to be between 900-1200mm above floor level (preferably 1100mm maximum) and at least 400mm to any corner of adjacent walls
- p. audible signal on landing to indicate when doors start opening (not required if door noise level is 45 (dB(a) or above)
- q. collective control systems to have visual pre-announcing direction of travel indicators (hall lanterns) on landings, at least 40mm high, between 1800mm and 2500mm above floor level, and with an angle of view of at least 140°, also audible indication to differentiate for direction of future travel (may be in car for a single lift)
- r. destination selection control systems (floor calls registered on landings) have specific landing audible and visual confirmations and signals.
- s. position indicator in the car between 1600mm and 1800mm above floor level, with legends 30-60mm high, and voice synthesizer to advise floor level.
- t. alarm device to operate audible signal and voice link, with illuminated pictogram in car to indicate operation of each
- u. induction loop in car

Part 70 refers to 'negotiations...between the customer and the supplier/installer' about the use and features of the lift, and the following provisions are felt to be optional:

a. tip-up seat in car

Tustin Estate - Southwark Council Summary of Lift Maintenance - Bowness House Lift (Exclusive of Professional Fees & VAT)

Item	Component	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Lift	Health & Safety/ Operational	9,000	0	0	0	0	0	0	0	0	0	9,000
	Disabled Access	3,000	0	0	0	0	0	0	0	0	0	3,000
	Modernisation Replacement	0	0	0	0	0	0	110,000	0	0	0	110,000
	Total	12,000	0	0	0	0	0	110,000	0	0	0	122,000

Excludes

Cyclical, Responsive & Void Maintenance

Statuory Inspections

Intrusive Surveys - Potential double count removals from above costs

All Fire Works

Asbestos removal

Environmental Improvements

Energy Efficiency Measures

TONY WARREN LIMITED

LIFT CONSULTANTS



REPORT

on

THREE LIFTS

at

HEVERSHAM HOUSE ILDERTON ROAD LONDON SE15

Report on: The condition of the lifts, asset register, compliance with current

standards, suitability, life expectancy, recommended works

Commissioned by: MCCE Limited

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Tower Bridge Business Complex

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Date: November 2019

Issue No:

Reference: P191104-2/ACW

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Disal	oled Us	se Compliance	Appendix 4						
Curre	and Safety Issues								
Curre	ent Dis	Appendix 6							

1 Introduction

1.1 Scope

This report has been prepared by Tony Warren Ltd to cover a study into the vertical transportation systems at Heversham House, Ilderton Road, London SE15.

Tony Warren Ltd was appointed by MCCE Limited on behalf of its client to undertake a survey of the vertical transportation systems, the scope of the appointment requiring:

a detailed description of areas of non-compliance with reference to the relevant legislation and standards for each item

an assessment of risk for each identified breach in compliance

recommendations for works to address the areas of non-compliance

a costed assessment of the anticipated remaining life of the lifts

advice on whether issues can be deferred

an assessment of whether the existing lifts are fit for purpose

The survey was undertaken on 25th November 2019 and constituted a visual inspection of the vertical transportation systems within the building, observed under normal operating conditions wherever possible.

No dismantling of components was undertaken and access panels were only removed where safe to do so and where no interruption of services would occur. This type of visual survey may not fully establish the true condition of the equipment, as it is common to find plant, which from an external view appears satisfactory, to have a history of operational problems.

It should be noted that no design checks were carried out within the scope of this survey.

The survey did not include any examination of deleterious materials within the property and the findings summarised within this report do not allow for the treatment of such materials to affect any recommendations.

Comments made within this report are not intended to satisfy the statutory biannual 'Through Examination and Inspection' reports required under the Lifting Operations and Lifting Equipment Regulations or the 'Guidelines on the Supplementary Tests of In-Service Lifts' issued by the Safety Advisory Federation (SAFed).

The above statements are to set the parameters of the study and do not imply any deep-seated problems.

Observations made in this report on the condition of the existing equipment do not take into account the provisions of any maintenance contract, which may cover some of the recommended works.

1.2 Philosophy

The relevant legislation and standards in respect of health and safety, and disabled use, and the interpretations of these that have been used in the compilation of this report, are detailed in Appendices 5 and 6 respectively.

2 Findings

2.1 General

There is a total of three passenger lifts in this residential building, one in each of the South, Middle and North Cores, outline details of which are shown in the Asset Register in Appendix 1.

2.2 Quality and Condition

The lifts are thought to have been installed new at the time of the building's construction approximately 50 years ago and have been modernised at least once since, most recently in 2002, the scope of works at that time thought to have been complete replacement other than the guides and counterweights.

They are in reasonable visual condition considering their environment.

There are no maintenance log cards evident on site for the South and North Lifts, so no comment can be made on the reliability of those lifts. From the Apex maintenance log card in the machine room of the Middle Lift, that lift appears to be extremely reliable with no recorded callouts in the past six months, however this may not be a complete record of reliability.

The quality of the lifts is high, with good quality components from reputable suppliers, and with a robust design suited to their environment and use.

The lifts appear to have no major faults, however there are a couple of minor ones, eg the heater in the machine room not working.

2.3 Health and Safety Issues

The lifts are almost fully compliant with current health and safety standards (see Appendix 5), however some works are necessary for full compliance and a schedule of these is given in Appendix 2.

These are relatively minor deviations from relevant standards and the risk is low.

2.4 Operational Issues

There are a few minor additional items of an operational nature and a schedule of these is given in Appendix 3.

2.5 Disabled Access

There are a few items on the lifts of non-compliance with current disabled access standards (see Appendix 6) and a schedule of these is given in Appendix 4.

Again these are relatively minor deviations and easily resolved.

2.6 Suitability for Use

The lifts are in good condition, designed, manufactured and installed to a high standard, using components ideally suited to local authority general housing, being of resilient construction with ant-vandal features.

Asset Register Appendix 1

Lift 3187

Number and Type of Lift One passenger Location South Core

Contract Load 12 person 900kg Floors Served 5 (G, 2, 3, 4, 5)

Contract Speed 0.75m/s (estimated)

Control System Down collective

Drive System Variable frequency geared traction

Machine Room Position Directly above at roof level

Car Entrance Power operated single panel side opening door
Landing Entrances Power operated single panel side opening doors

Entrance Protection Non-contact safety edge

Contractor and Installation Date Unknown in 1960s/70s approximately

Lift 3188

Number and Type of Lift One passenger Location South Core

Contract Load 12 person 900kg

Floors Served 3 (G, 2, 4)

Contract Speed 0.75m/s (estimated)

Control System Down collective

Drive System Variable frequency geared traction

Machine Room Position Directly above at roof level

Car Entrance Power operated single panel side opening door
Landing Entrances Power operated single panel side opening doors

Entrance Protection Non-contact safety edge

Contractor and Installation Date Unknown in 1960s/70s approximately

Lift 3189

Number and Type of Lift One passenger Location South Core

Contract Load 12 person 900kg

Floors Served 3 (G, 2, 4)

Contract Speed 0.75m/s (estimated)

Control System Down collective

Drive System Variable frequency geared traction

Machine Room Position Directly above at roof level

Car Entrance Power operated single panel side opening door
Landing Entrances Power operated single panel side opening doors

Entrance Protection Non-contact safety edge

Contractor and Installation Date Unknown in 1960/70s approximately

Health & Safety Items

Appendix 2

NB The items exclude comments on machine room of Lift 3187 due to unavailability of access.

The items apply to all three lifts unless stated otherwise.

- 1. The machine room access door lock should be modified to allow escape from the locked room without a key.
- 2. One of the fluorescent lighting tubes and both diffusers to the luminaires in the machine room of Lift 3189 are missing and should be replaced.
- 3. The falling hazards from the car top are guarded by handrails, however 100mm high toe boards should also be provided.
- 4. There are no inspection controls in the pit, similar to those on the car top, to allow a person in the pit to move the car without relying on others, as required by current British Standards, and these should be provided.
- 5. There is no means of opening the lowest landing entrance when in the pit and suitable means should be provided.

Operational Items Appendix 3

1. The thermostat of the tubular heater in the machine room of Lift 3188 is not functioning, or the heater is out of service, and this provision should be reinstated.

Disabled Use Compliance

Appendix 4

NB The items apply to all three lifts unless stated otherwise.

Current disabled access standards (see Appendix 6) are not met by the lifts due to the following:

the location of the landing controls

the lack of handrails on the controls side wall of the car

the lack of a 'hands free' emergency communication system in the car

the 'Alarm' button is not the lowest control

the lack of audible car and landing call registration (assumed)

the lack of visual and audible indication to passengers waiting on the landing of the arrival of the lift and its proposed direction of travel

the lack of induction loops in the cars

Modifying the lifts to comply with current standards is relatively simple:

the landing controls are located higher than 1100mm above the floor level and more than 500mm from the nearest wall, however these can be relocated to a lower height on the opposite side of the entrances to comply

a handrail on a side wall is simply provided, however the reduction in usable car width may not be acceptable

to relocate the 'Alarm' button requires a new car control station, however this is felt to be more than the 'reasonable' requirement of the DDA for a marginal benefit

audible call registration can easily be incorporated in the car and landing control stations as visual registration is provided

'hall lantern' arrows to indicate the proposed direction of the car can be provided on the rear wall or door jamb of the car, visible to persons waiting on the landing

induction loops are easily incorporated around the cars

Current Health and Safety Standards

Appendix 5

There is a multitude of British Standards, statutory instruments and Health and Safety Executive 'Guidance Notes' that relate to lifts, in addition to the expectations of insurance companies and accepted good trade practice.

Other than BS EN 81, British Standards are generally accepted as a minimum standard under health and safety requirements and non-compliance without good reason may lead to legal difficulties as the courts approve compliance with British Standards' recommendations, and insurance companies expect installations which they cover to comply.

Additionally, British Standards are not intended to be retrospective in most cases, ie a newly published requirement would apply to all new lifts and major refurbishment of current installations, however it would not necessarily be expected to be applied to existing lifts otherwise. For example, mechanics' car top control units should include a 'common' button in addition to the 'up' and 'down' buttons to meet current requirements, but it is not expected that existing non-compliant units be replaced except as part of other refurbishment works.

Lifts need to comply with the Health and Safety at Work etc Act 1974 which is not specific, other than to require the installation and environment to be safe for passengers, maintenance operatives and others alike.

The recommendations within in this report include the following requirements:

- a. safe access and escape to/from machine room, lift well and pit
- b. safe working and operational environments in normal and emergency situations
- c. compliance with current BS requirements on safety (rather than design) matters
- d. precautions against fire

Current Disabled Access Standards

Appendix 6

It is necessary to provide access for disabled users in new buildings in accordance with Part M of Building Regulations and the requirements of this standard have been used for the purpose of assessing the minimum suitability of a lift for disabled passengers.

These Regulations, while allowing ramps, effectively specify a lift for multi-storey buildings, with certain characteristics. These features are listed below and comments in this report indicate where the lift does not meet these requirements:

- e. a 'standard' 8 person car, 1100mm wide x 1400mm deep
- f. landing in front of entrance at least 1500mm wide x 1500mm deep
- g. a clear entrance width of 800mm
- h. car controls between 850mm and 1200mm above floor level
- i. car controls at least 400mm from the front wall
- j. landing controls between 850mm and 1100mm above floor level
- k. tactile indication on or adjacent to the car buttons to identify the floor selected
- l. tactile indication on the landing adjacent to the call button to identify the floor level
- m. visual indication (position indicator) of the floor reached, if more than three floors
- n. audible indication (voice synthesizer) of the floor reached, if more than three floors
- o. a signalling system to advise that a lift is answering a landing call
- p. a 'door open' period of five seconds, or three seconds if provided with electronic safety edges or light rays

The Disability Discrimination Act 1995 (the DDA, replaced by the Equality Act in 2010), imposes responsibilities upon 'service providers', ie those providing a service to the public — for example, restaurants, hotels, cinema, shops. From October 2004, it has been necessary for service providers to make 'reasonable...physical alterations' to existing building facilities if necessary to comply with this statutory instrument, however the requirements are not clearly defined as:

- a. the Act does not specifically refer to lifts in any way
- b. the Act refers to Building Regulations Part M, however this does not include all the provisions of Part 70 of BS EN 81 'Accessibility to lifts for persons including persons with disability', which applies to new lifts under the Lift Regulations

It is good practice to comply with Part 70 and the following requirements will be applicable:

- a. power operated horizontally sliding doors
- b. adjustable door dwell ('door open') time to be adjustable (normally 2-20 seconds) with 'quick close' override in car, e.g. 'door close' button
- c. full height (25-1800 mm) non-contact door protection device (safety edge)
- d. handrail on at least one side wall, with gripping part 30-45 mm wide with minimum radius of 10 mm, 35 mm minimum gap to wall, 900 mm ± 25 mm from floor level to top of handrail, and handrail closed to wall
- e. mirror to allow wheelchair users to observe obstacles when backing out of car where the car is not large enough to allow the user to turn before existing

f. means to avoid substantially mirrored walls to be taken to avoid creating optical confusion for passengers with impaired vision, e.g. decorated mirror or starting mirror 300 mm above car floor

- g. car to stop at floor level ± 10 mm and be maintained at floor level ± 20 mm during loading/unloading operations
- h. 'alarm' button to be yellow with bell shaped symbol
- i. alarm and door buttons at least 900 mm to centreline from car floor, floor buttons above reading from left to right, bottom to top
- j. car control panel to be on right hand wall (looking from landing) for centre opening doors, on the closing side for side opening doors
- k. minimum area and dimensions for control buttons which should be identifiable visually and by touch from faceplate or surrounds, faceplate to contrast in colour from its surround, 2.5-5.0 n force to operate buttons
- operating feedback required to inform user that button, once pushed, has operated, with visual and audible registration feedback on every operation of button even if call is already registered
- m. exit floor button, eg Ground, to protrude $5\text{mm} \pm 1\text{mm}$ more than other buttons and be preferably green
- n. button symbols to be in relief (minimum 0.8mm), 15-40mm high, on or within 10-15mm to left of button, at least 10mm gap between call buttons, double this gap between call buttons and other buttons
- o. landing controls to be 900-1100mm above floor level and at least 500mm to any corner of adjacent walls, car controls to be between 900-1200mm above floor level (preferably 1100mm maximum) and at least 400mm to any corner of adjacent walls
- p. audible signal on landing to indicate when doors start opening (not required if door noise level is 45 (dB(a) or above)
- q. collective control systems to have visual pre-announcing direction of travel indicators (hall lanterns) on landings, at least 40mm high, between 1800mm and 2500mm above floor level, and with an angle of view of at least 140°, also audible indication to differentiate for direction of future travel (may be in car for a single lift)
- r. destination selection control systems (floor calls registered on landings) have specific landing audible and visual confirmations and signals.
- s. position indicator in the car between 1600mm and 1800mm above floor level, with legends 30-60mm high, and voice synthesizer to advise floor level.
- t. alarm device to operate audible signal and voice link, with illuminated pictogram in car to indicate operation of each
- u. induction loop in car

Part 70 refers to 'negotiations...between the customer and the supplier/installer' about the use and features of the lift, and the following provisions are felt to be optional:

a. tip-up seat in car

Tustin Estate - Southwark Council Summary of Lift Maintenance - Heversham House Lifts (Exclusive of Professional Fees & VAT)

Item	Component	Year 1	Year 2	Year 3	Year 4	Year 5	Yrs 06-10	Yrs 11-15	Yrs 16-20	Yrs 21-25	Yrs 26-30	Yrs 1-30
Lift	Health & Safety/ Operational	12,000	0	0	0	0	0	0	0	0	0	12,000
	Disabled Access		0	0	0	0	0	0	0	0	0	27,000
	Modernisation Replacement		0	0	0	0	0	370,000	0	0	0	370,000
	Total	39,000	0	0	0	0	0	370,000	0	0	0	409,000

Excludes

Cyclical, Responsive & Void Maintenance

Statutory Inspections

Intrusive Surveys - Potential double count removals from above costs

All Fire Works

Asbestos removal

Environmental Improvements

Energy Efficiency Measures