DESIGN AND ACCESS STATEMENT
134-136 THE BROADWAY, WEST EALING, W13 OTL


## 134-136 THE BROADWAY, WEST EALING W13 OTL

Description of the development:
"Planning application for the demolition of existing commercial building and proposal of a part-four part-five storey mixed-use building. Part of the ground floor will be a retail unit with the rest of the ground floor and all floors above comprising of 13 C3 permanent residential units"

CLIENT
ARCHITECT
PLANNING CONSULTANT
DAYLIGHT/SUNLIGHT NOISE CONSULTANT VIABILITY ASSESSMENT ENERGY STRATEGY REPORT SUSTAINABILITY STATEMENT

## BOWER TERRACE LTD

: ALAN POWER ARCHITECTS LTD
: SALISBURY JONES PLANNING

- CHP SURVEYORS LTD
: SANDY BROWN ASSOCIATES LLP
: G L HEARN
: PRICE \& MYERS
: PRICE \& MYERS


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## Description of the development:



EXISTING SOUTH VIEW ALONG BROADWAY
"Planning application for the demolition of existing commercial building and proposal of a part-four part-five storey mixed-use building. Part of the ground floor will be a retail unit with the rest of the ground floor and all floors above comprising of 13 C3 permanent residential units"

The site area is approximately 530 sqm and the existing building footprint is 430 sqm. It is currently accessed from the front on the Broadway (retail) and also from the Broadway for the two upper levels. The first and second floors are currently vacant, with the last use having been as a language school. The building is currently serviced from the rear entrance off Singapore Road; there is also an alternative means of escape from the upper floors onto Singapore Road.

The applicant purchased the site in late 2014. Attempts since then have focused on trying to get what was an approval in principle formalised as a planning consent and a completed Section 106 agreement. The planning consent and section 106 agreement were finally issued on 4th February 2016.



## SITE LOCATION

The site is situated within the London Borough of Ealing and the property is located on the north side of Broadway with Singapore Road to the rear.

West Ealing station is approximately 0.5 miles to the north east from the site and it can be reached within a 10 minute walk. Ealing Broadway station is approximately 1.2 miles to the east which is a 10 minute journey via bus and Hanwell station is approximately 0.7 miles to the west and it can be reached within a 13 minute walk.


MAP SHOWING THE SITE AND NEARBY STATIONS

|  | Walk | Cycle | Bus |
| :---: | :---: | :---: | :---: |
|  |  | 0\% | 4 |
| (H) - (s) | 13 mins | 4 mins | 8 mins |
| (W) - (5) | 10 mins | 4 mins | 9 mins |
| (E) - (5) | 24 mins | 7 mins | 10 mins |



MAP SHOWING LISTED BUILDINGS AND THE CONSERVATION AREA AROUND THE SITE

- LISTED BUILDING 1. Church of St Mellitus (Grade II)

2. Gate Piers, Railings and Gates to Hanwell Cemetery 3. Milepost (Outside Number 173)
3. Church of St John

## CONSERVATION AREA / LISTED BUILDING

The site is not in a conservation area and there is no view towards any conservation areas from the site. The nearest conservation area is 'Hanwell Cemeteries Conservation Area' which is approximately 200 m away to the west from the east boundary of the site.

There are some locally listed building along Broadway near the site but there are no listed buildings adjoined or closely located to the site.


VIEW OF EXISTING BUILDING AND NEIGHBOUR BUILDINGS FROM BROADWAY


VIEW OF EXISTING BUILDING FROM SINGAPORE ROAD

## EXISTING BUILDING

The site is currently occupied by a three-storey building with retail unit on the ground floor and a vacant educational use on the upper floors. The ground floor is approximately 35 m deep extends from the pavement on The Broadway. The building is set back approximately 8 m from the north boundary with Singapore Road, leaving some external space for parking and a fire escape staircase. There is a flat roof space that can be accessed by both front and rear staircases.

The ground floor retail areas are currently comprised of a charity shop - 'Community Shop' on the Broadway frontage, and 'The Recovery Hub' accessed off Singapore Road.

The two upper floors were occupied most recently by the West London Business College, but these floors have been vacant from the time the applicant purchased the site, and the date when these areas were vacated is not known.


VIEW OF PROPERTY TO THE EAST FROM THE BUILDING ROOF


VIEW OF REAR ADJOINING BUILDING


VIEW FROM THE REAR OF THE PROPERTY

PANORAMIC VIEW OF THE REAR OF THE PROPERTY FROM SINGAPORE ROAD

## SITE CONTEXT

The Broadway forms the extension of Uxbridge Road running west from Ealing Broadway. It is a local retail area. The property to the west of the site, 138-140 Broadway, is a four-storey mixed use building. Two retail units are located on the ground floor with access from the Broadway pavement and the residential entrance is situated at the rear of the building adjoined with Singapore Road. The building is comprised of two residential blocks above ground floor - one facing onto The Broadway and one facing on to Singapore Road - and it is divided with external amenity spaces at first floor level.

Buildings to the east of the site are also of mixeduse, with retail on the ground floor and further accommodation above with access from Walsingham road. A double garage and an additional small L-shaped studio building are located to the north-east, next to the site.

There is a small outdoor space with number of tall trees at the corner of Walsingham Road and Singapore Road.



VIEW FROM THE ROOF OF THE BUILDING LOOKING ONTO THE ADJOINING PROPERTY


VIEW OF ADJACENT BUILDINGS
VIEW FROM THE ROOF OF THE BUILDING LOOKING BACK TOWARDS THE BUILDING


View of the garage


VIEW FROM THE ROOF LOOKING OVER ADJOINING TERRACES


VIEW OF LARGE RESIDENTIAL COMPLEX ALONG SINGARPORE ROAD


VIEW OF RECENTLY DEVELOPED HOTEL FROM BROADWAY

At the rear of the site, there are recently developed large residential complex along the north side of Singapore Road.

A part-5 part 6-storey hotel has recently been completed on The Broadway, to the east of the site, on the south side of the road. The predominant scale of the area, therefore, is between of five and six storeys.

~ $\square \mathrm{m}_{\mathrm{n}}$
sineapore road
$\square$





SOUTH ELEVATION OF APPROVED SCHEME


## the Current Approved scheme

A scheme was submitted in 2012 by the previous owner for the demolition of the existing building and the erection of four-storey building, comprising two one-bedroom, five two-bedroom and one three-bedroom flats, providing a total of eight residential units. It is comprised of a single continuous front to back retail unit at ground floor, with two blocks front and rear above ground floor, with external amenity spaces in the centre of the site at first floor between the blocks. The design of the exterior of the building seeks to mimic characteristics of the adjoining residential property to the west, with the new front elevation along The Broadway being a mirror image of the adjacent building.

However, this proposal doesn'† offer any lift access, meaning it is not DDA compliant; in addition, the staircases are located in positions that would better be utilized as living accommodation. Also, the quality of living environment is compromised due to small unit sizes. There are units within the front block are single aspect, facing north, limiting the potential of getting sunlight, a choice of views and flexibility in the use of rooms. The external amenity space for some of the units also face north.


3D MODEL OF APPROVED SCHEME


GROUND FLOOR PLAN OF APPROVED SCHEME



IST FLOOR PLAN OF APPROVED SCHEME


## THE NEW PROPOSALS



The consented scheme was reviewed and we looked at improving the quality of the accommodation, and also at enhancing the use of the site. This has resulted in a re-design, which is described here. Of particular interest was to achieve the following in the new design;

- Lift access to all levels to insure that the scheme is DDA compliant
- All units sizes relate to the requirements of the London plan (some are just below)
- All units to be double aspect
- All units to have one room facing South
- All units to have some external space
- Devise suitable architectural devices to mediate between the main to the south and the apartment interiors

The new design now also consists of a continuous front-to-back ground floor. However, advice was sought from commercial agents, who have said that there is little or no demand in this locality for a retail unit of 378 m 2 . Consequently, the retail unit has been reduced to 141.9 sq m . This has allowed the ground floor to be split between retail use at the front off The Broadway, and a central entrance obby for the accommodation plus a two-bedroom unit at the rear.

There is a consolidation of refuse and cycle storage for all the apartments in one location, close to the rear entrance. The entrance lobby extends through to connect with the rear part of the front upper level building, where the front circulation core is ocated.


Terraces on the first floor

This extended, and deepened, entrance area allows for the incorporation of storage units for all the apartments at ground floor, in the central part of the building, along the east party wall.

For the residential blocks front and rear, a central circulation core comprising a staircase and a lift is provided to each, on the north side of each block. This allows for double aspect flats running front to back of each building, allowing all apartments to receive the benefits of sunlight, views, access, ventilation and flexibility in the use of rooms.

On the first, second and third floors, there are two one-bedroom apartments to each block on each floor, where the floor-plate is divided by the central circulation core. All apartments have a double aspect with a south-facing eating, dining and living space.

An important component of the design approach was to ensure that each apartment has its own external amenity space in the form of balconies, terraces or a courtyard.

Consequently, the ground floor unit has a large, south-facing courtyard, allowing for good ventilation and sunlight. In addition, there are external roof terraces on the first floor over the front part of the retail unit. Also on the first floor, the east side front and back units have large terraces over the extended entrance hall below. The apartments on the second and third floor have south-facing balconies off the living rooms. At the fourth floor to each block there is a single two-bedroom apartment, with external balconies.

## VERTICAL MASSING

In terms of the vertical massing of the new proposal, it was considered that the overall floor-to-floor of 3.57 m from ground to first floor allowed in the currently approved scheme was excessive, particularly for a smaller retail unit. A floor-to-floor dimension of 3 m has therefore been adopted in the new proposals, and this is used up through the whole development (this contrasts with 3.06 m for the approved scheme on the upper floors).

In making the level of the rear of the new proposals more or less at grade, by reducing the unnecessarily high ceiling to the ground floor, and by utilizing a floor-to-floor level of 3m up though the new proposals, it is possible to reduce the height of a four-storey building by 1.41 m , or nearly half a storey.

The emerging scale of building in the locality, particularly with the scale of new residential building of between five and six storeys along Singapore Road, suggested that, with a four-storey building on this site reduced by nearly half a storey, there was scope to look at an inset fifth floor. This would produce a new roof line of 40.19, compared to 40.81 for the new building at the corner of Tewkesbury Road and Singapore Road, and 45.10 for the new residential building east of Tewkesbury Road, directly opposite this site.


Having established a fifth floor in principle,
these floors are reduced down from each main building footprint below. This provides sufficient accommodation for a two-bedroom apartment on each block, with direct access into each apartment from the lifts. These units incorporate, on the south side of each, inset, predominantly glazed, bays, shared between the main bedroom and the living space. These emphasise and moderate the scaling down of the overall form for each block as each building develops upwards The inset top floors are clad in zinc cladding, in contrast to the insulated and painted render used for the main body of each building.


LEFT ISOMETRIC VIEW


LEFT REAR ISOMETRIC VIEW


SITE PLAN SHOWING THE BUILDING LINE RELATIONSHIP WITH NEIGHBOUR BUILDINGS

## BUILDING LINE

The existing building line along Singapore Road at the rear of the site steps in and out, although there is a consistent pavement line. The rear of 142-144 The Broadway abuts the back line of the pavement; elsewhere, buildings are set back in varying degrees. In the new proposals for this site, the new rear building line mediates between the building lines of 142-144 and 138-140. It then sets back at fifth floor level to line through with nos. 138140 , with the staircase enclosure rising and curving between the two building lines.

Along The Broadway at ground floor, the shop-front line is maintained. The overall fascia height is also maintained. It is proposed that the shop window be a simple glazed façade, with a pair of central glazed entrance doors.


## WINTER GARDEN

The façade on the upper levels along Broadway has been designed to address the proximity of the main road. In effect, a double depth façade has been created, with a main glazing line, and pivoting screens on the outer line of each balcony. This allows for a variety of arrangements:

- The balcony to be used as an external space in the usual way
- It can be enclosed and incorporated into the living spaces behind
- Because this façade is south-facing, by closing the outer screens, the double layer can function as a heat sink during sunny times at the cooler times of the year, reducing the need to heat the apartment behind
- The flexibility allowed each unit provides a varied and animated main façade



## EXTERNAL AMENITY SPACES

Elsewhere, the external amenity spaces comprise a variety of inset courtyards, extensive roof terraces and balconies. The rear ground floor unit benefits from a 49.2 sq m courtyard that faces south. Mediating between the courtyard and the living space behind is a glazed, lean-to conservatory. The apartments at the front at first floor utilize the roof of the shop below as substantial roof terraces.

Also on the first floor, the two east-side apartments front and back have generous, $31 \mathrm{sq} \mathrm{m}, 23.8 \mathrm{sq} \mathrm{m}$ and 31.1 sq m roof terraces, utilizing the roof above the communal storage area below. The west-side apartment in the rear block has a south-facing balcony. The rest of the apartments to the rear block on the upper floors have balconies.

By removing the two levels of existing accommodation in the central part of the site, the very high party walls on the east and west sides can be substantially reduced, from an overall height of 13.6 m to 9.6 m and 12.7 m to 9.8 m . This significantly improves the outlook from the neighbours in no. 132 and no.134, to the east of the site, and in nos. 138-140, to the west of the site.


## DENSITY

The issue of density is addressed in the planning Statement prepared by Salisbury Jones Planning.

## COMMENTS AND AMENDMENTS ARISING FROM THE

 RESPONSE FROM THE LPA ON THE PRE-APPLICATION SUBMISSIONA pre-application submission was made to the LPA on 5 February 2016. A site meeting was held with a planning officer on 15 March 2016, and a formal written response was issued by the LPA on 28 April 2016. The following are the relevant extracts from the LPA's pre-application response in respect of the design and our comments and responses are set out below each issue, with illustrations where necessary.

The LPA referred in their pre-application response to the possibility of a larger site being brought forward for development:
"The property forms part of a larger development site 'EAL18' under the Ealing Development Sites DPD. This designation extends over 130-140 Broadway. The DPD seeks. Whilst the Council is not entirely opposed to the piecemeal development of this development site, a holistic approach is encouraged and should be explored if possible. This would bring forward a better development option for the site." (p. 5)

The applicant has been in discussions with the owner of nos. 13-132 Broadway, but we understand that they intend retaining the site and extending and altering the existing buildings. Nos. 138-1 40 were renovated and extended some years ago and all the apartments have been sold on long leases.

Consequently, there is no prospect of the larger development site identified 'EAL18' under the Ealing Development Sites DPD being brought forward for development as a single entity.


PERSPECTIVE VIEW SHOWING THE RELATIONSHIP OF THE PROPOSAL WITH ITS IMMEDIATE CONTEXT

## DESIGN AND VISUAL APPEARANCE

The LPA comments that:
"The proposal would protrude above existing built form on both neighbouring sites and would sit above the approved height in the recently approved planning permission on the property. The height proposed in this instance raises concern given that it does not seek to create a relationship with development on both neighbouring sites." (p.6)

We would assert that the two buildings that form the new proposals should be looked at in terms of their immediate contexts front and rear. We will return to the frontage along Broadway below, but
in terms of the front along Singapore Road the LPA goes on to say:
"It is noted that a drawing has been produced (539-109) which shows the proposal in the context of development to the rear of the site.
However, it is not considered that this view is particularly relevant considering that the proposal would not be read in this context given the building to the rear would not be viewable from the street-scene of Broadway. The most important and relevant relationship that needs to be considered is the relationship with both buildings either side of the site." (p.6)

We do not agree with this assessment, and would
contend that, in terms of overall massing and scale, the effect from the public realm - that is, the street itself - is the most relevant consideration. The LPA seems to accept this point in referring to the "street-scene", albeit they incorrectly refer to the street-scene from Broadway when considering the new rear building.

Consequently, with regard to the rear building, it is the relationship with the rear street, and to the recently consented and constructed housing on the north side of the road that is primary importance. We illustrate this here with a visual of a cross section of Singapore Road that shows the relationship of the application building with its mmediate context.


138-140

DATUMLEVLE 20.00
SITE
SOUTH ELEVATION SHOWING REDUCED HEIGHT OF THE BUILDING

The LPA have assessed the relationship with adjacent buildings as follows:
"Despite the set-back of the top level of the building, it is not considered that the proposal responds well to the neighbouring scale. As such, it is recommended that the height of the building be reduced to be no higher than the recently approved building under PP/2012/2365. As mentioned above, the site is designated as part of a wider development site in the Ealing Development Sites DPD. If a holistic development approach was brought forward for the entire development site then similar heights to that currently proposed would most likely be acceptable." (p.6)

The immediate character of the street scene along Broadway is very mixed, in terms of use, in terms of scale and in terms of appearance and style. There is a sense that new developments are being built at a larger scale than the immediate context would suggest in expectation of a general increase in scale along Broadway as more sites are brought forward for development. A typical example of this is the recently completed hotel at The Broadway. This comprises a total of six storeys, some four storeys higher than its immediate neighbour.

For the reasons set out above, we would contend that the proposed scale of the buildings at the front and the rear are acceptable. However, with a view to working with the LPA to get an acceptable
scheme agreed, we have reviewed the overall height of each building. As a consequence, the applicant has agreed to remove the proposed fourth floor for the front building, whilst retaining it as the rear.

With these design amendments, the revised proposal along Broadway, when seen in perspective from the street, is now very similar in terms of height to the adjacent building at nos. 138-140 to the west.


PROPOSED NORTH VIEW ALONG SINGAPORE ROAD

In terms of the design of each frontage, the LPA comments:
"Aside from this, the scale of the proposal, when taking into account the context and the town centre status of the application site, is considered to be acceptable. The building would be well articulated on the Broadway frontage and the incorporation of terraces on this elevation assists in enhancing the building. However, the applicant is encouraged to increase the articulation to the rear. In its present form this elevation is quite flat and would benefit from punctuation. In furtherance of this particular point, design principles dictate that a buildings use should be reflected in its design. The design of the rear elevation is more akin to an office building and should be improved to reflect the buildings intended use." (p. 6)

As was discussed at the pre-application site meeting, the design of the rear elevation was left unresolved, pending the comments from the LPA on the scheme so far. We have now amended the rear elevation, to include a generous balcony for each room, together with simplified fenestration to the staircase, and a revised top floor.

## 1. PRE-PATINATED ZINC



## 3. RENDERED WALL



## 5. BRICK




## 2. COPPER PANEL



## 4. metal frames and railings



## MATERIALITY

"... no indication has been provided as to the proposed palette of materials to be utilised. High quality, durable materials are encouraged to ensure a high standard of urban design." (p.7)


Internal Quality, Layout and Outdoor Amenity Space
"The London Plan encourages a good mix of units within residential development. The proposed development would incorporate a large proportion of one-bed units and, therefore, it is recommended that the number of one bed units be reduced and consideration be given to the incorporation of some family units (3 bed units) within the scheme." (p.8)

The applicant does not consider the site to be appropriate for family units, and the scheme is
intended to be predominantly for starter homes, and that the mix as shown represents the most effective use of this urban site. Notwithstanding this, we have reviewed the plans again and have now amended the rear top floor apartment to become a 5-person three-bedroom apartment. The size and layout of the remainder of the apartments make the best use of the development footprints. There is also a 6-person three bedroom apartment at the rear first floor and the two bedroom apartment at the ground floor is relocated.


AMENDED FRONT BUILDING SHOWING WINTER GARDENS

## WINTER GARDENS

"Winter gardens must have a drained floor and must be thermally separated from the interior. The area of the winter garden should be excluded from the internal floor space calculation and should comply the outdoor amenity space requirement for the development." (p.8)

THE REVISED SCHEDULE OF ACCOMMODATION IS THEREFORE AS FOLLOW

| GROUND FLOOR | NET Internal Area |  |
| :---: | :---: | :---: |
|  | sqm | sqft |
| 2 BED (G.01) | 80 | 861.112 |
| RETALL | 142.1 | 1529.55 |
| TOTAL | 222.1 | 2390.662 |
| 1st FLOOR | NET Internal Area |  |
|  | sqm | sqft |
| 3 BED (1.01) | 103.7 | 1116.216 |
| 1 BED (1.02) | 52 | 559.723 |
| 1 BED (1.03) | 50.1 | 539.271 |
| TOTAL | 205.8 | 2215.211 |
| 2nd FLOOR | NET Internal Area |  |
| 1 BED (2.01) | 51.9 | 558.646 |
| 1 BED (2.02) | 51 | 548.959 |
| 1 BED (2.03) | 52.6 | 566.181 |
| 1 BED (2.04) | 51.2 | 551.112 |
| TOTAL | 206.7 | 2224.898 |
| 3rd FLOOR | NET Internal Area |  |
| 1 BED (3.01) | 51.9 | 558.646 |
| 1 BED (3.02) | 51 | 548.959 |
| 1 BED (3.03) | 52.6 | 566.181 |
| 1 BED (3.04) | 51.2 | 551.112 |
| TOTAL | 206.7 | 2224.898 |
|  |  |  |
| 4th FLOOR | NET Internal Area |  |
| 3 BED (4.01) | 86 | 925.695 |
| TOTAL | 86 | 925.695 |
| TOTAL sqm for NET | 927.3 | TOTAL sqft for NET |
| TOTAL sqm for E.A | 296.49 | TOTAL sfft for E.A |
| TOTAL (sqm) | 1223.79 | TOTAL (sqft) |

We assume that there will be a condition added to any planning consent with regard to the draining of the Winter Gardens and the their thermal separation. We have amended the area schedule to exclude the Winter Gardens from the gross internal area of each apartment.


UPDATED TERRACE VIEW TOWARDS THE REAR BLOCK FROM THE SECOND FLOOR OF THE FRONT BLOCK

There was an alteration of internal layout at the top floor of the rear block, caused a slight change to window patterns.

Also the material of the top floor is now replaced with copper panels.

## STORAGE SPACE

With regard to storage for each apartment, the LPA have commented:
"The government produced nationally described space standards requires built in storage within residential units. This should comprise 1.5sqm for the 1 bed flats and 2sam for the 2 bed flats. This would separate to the storage indicated on the ground floor plan and should be included within the scheme." (p.8)

It is already proposed that there be dedicated storage space for each apartment in the centre of the building at ground floor between the two cores, and it would be our preference that these constitute the storage requirements under government policy. Notwithstanding this, the plans of all the apartments have now been amended to provide the appropriate storage areas

## MPACT ON RESIDENTIAL AMENITY

"The existing built form on site would be comparable at ground to first floor levels with increased built form at the rear of the site in the form of a separate block at second, third and fourth floor levels. As such, it is recommended that a daylight/sunlight report be commissioned from a qualified BRE (Building Research Establishment) Surveyor and submitted in support of any planning application on this property. This report should identify all windows that have the potential to be affected in daylight/sunlight terms by the proposal and include an assessment of these windows against the BRE guidance. All windows in neighbouring properties should comply with the BRE guidance." (p.9)

A daylight/sunlight report prepared by CHP Surveyors Ltd is included with this planning application. It concludes that:

The report concludes: (paragraph 1.7) "Taking into account the site specific conditions, our analysis demands that the aims of the BRE guidelines are achieved"


PROPOSED SECOND FLOOR PLAN OF THE FRONT BLOCK

The relationship between the new development and its neighbours, and the relationship between the two new blocks within the site is set out by the LPA as follows:
"A site visit revealed that there are a number of side and rear facing habitable room windows on neighbouring sites to the east and west. The rear facing windows in the front block and the inward facing windows and balconies on the rear block
have the potential to give rise to over-looking opportunities into these windows.

Additionally, a distance of approximately 11 m would be provided between the inward facing windows and balconies within the development itself. This distance between facing windows is not considered to be satisfactory and a distance of at least 18 m should be provided.

It is recommended that the balconies be shifted to the Singapore Road elevation of the building and the built form reduced to increase the set back to 18 m or windows designed to curve away from the directly facing windows on the front block (without directly facing any habitable room windows on neighbouring properties). The relocation of the balconies to the Singapore Road elevation would also assist in a better design solution and would address design concerns raised above with respect to this elevation." (p.9)

It was pointed out at the pre-application meeting that the distance between the front and rear buildings in the current scheme is very similar to that approved in March of this year under planning reference PP/2012/2365. The suggestion by the LPA to relocate the balconies - and presumably also the living spaces - to the Singapore Road elevation is not considered to be acceptable, because it would orientate the main living spaces and external amenity space to the north for the apartments in the rear block.

Nevertheless, we have looked again at this issue and it seems to us that the appropriate solution would be reflect the idea from the current consent, application reference PP/2012/2365, whereby the rear windows to the front block are angled away from the front windows to the rear block.

This solution also addresses any sense of overlooking to the neighbours' windows to the east and the west, particularly as side walls are proposed to the balconies on the front of the rear block, greatly limiting any view towards the neighbours.

The issue of the articulation to the street elevation to the rear block is addressed elsewhere here.
"Details of the proposed boundary treatment between the residential and retail courtyards at ground floor level should be submitted in support of the scheme. The boundary treatment should be such that it does not create an enclosing impact for the residential courtyard and should be sufficient to mitigate any noise impacts on residential amenity."


Simple brick work dividing the
residential and retail courtyards

## TRANSPORT, PARKING, REFUSE AND SERVICING

With regard to the provision of secure cycle storage, the LPA comments:
"The application includes the provision of 16 secure and sheltered bicycle storage areas for the flats which are located at the rear of the building. This provision would be lower than that prescribed in policy 6.9 of the London Plan (consolidated 2015) which requires one space per one bed or studio unit and two spaces for all other units. Therefore, the provision should be increased to 18 spaces." (plo)

There is a secure cycle storage area at the rear at ground floor, accessed off Singapore Road. The total number of spaces has followed policy 6.9 of the London Plan.

The LPA also require one cycle storage space for the retail unit, and this has been provided in the open courtyard at the rear of the retail unit.

The LPA have re-confirmed the position with regard to restricting on-street car parking in line with the consent granted under planning reference

PP/2012/2365, via a Section 106 Agreement:
"The property is located within a controlled parking zone. Therefore, to ensure that there would be no increase in parking pressure in the area as a result of the development, any recommendation for approval would restrict the issuing of parking permits via a s 106 legal agreement to this effect." (p.10)

The applicant therefore assumes that the new Section 106 Agreement will be similar to the one signed for application reference PP/2012/2365.

## ENVIRONMENTAL HEALTH

With reference to the London Plan, and to their own policies, the LPA comment with regard to noise considerations:
"The property would be impacted by significant traffic noise from Broadway and would also be impacted by commercial noise sources from surrounding development. Noise mitigation would, therefore, be required through the insulation of building envelope to provide acceptable living conditions within the new residential units. Insulation would also be required within the floor/ ceiling between the commercial and residential elements." (p.10)

We are not aware that such an assessment was required for the recently granted consent under planning reference PP/2012/2365. However, following the further clarification sought by Salisbury Jones Planning in respect of the scope of the noise assessment to the LPA dated 2nd. Aug. 2016, a noise survey was commissioned from Sandy Brown Associates LLP and is included with the planning application.

As set out in Salisbury Jones planning email of 2 nd . August. 2016 this report only addresses the building along Broadway. The noise separation below the retail and residential areas will be addressed under the building regulations.


## AFFORDABLE HOUSING

"London Plan Policy 3.12 is supported by paragraph 3.71, which urges borough councils to take account of economic viability when estimating the appropriate amount of affordable provision. In this regard, any application proposing below the policy requirement of $50 \%$ affordable housing should be supported by a financial viability assessment setting out why $50 \%$ affordable housing cannot be provided on site. This report would be independently assessed on behalf of the Council after submission." (P.11)

A viability assessment has been prepared by GL Hearn, and this assessment forms part of this planning application.

## ENERGY AND SUSTAINABILITY

Major new residential developments are no longer expected to achieve Code for Sustainable Homes Level 4, however.

An Energy \& Sustainability Statement should be submitted in support of any planning application submitted to demonstrate compliance with the above.

An 'Energy Strategy Report' and a 'Sustainability statement', both prepared by Price \& Myers for the part of the planning application.

## DESIGN OUT CRIME

"The proposal should achieve compliance with the secured by design standards in this regard. There would be some concern with the proposed access to the side access way by both residential and retail uses. This accessway should be dedicated to the residential use only. This would ensure that access to this space is controlled by residents of the flats only. Access by commercial uses has the potential to give rise to security issues in this regard.

It is recommended that the access from the retail courtyard to the accessway is closed off. As a separate refuse store is to be provided for the retail unit, access to the rear of the site would not be required as refuse from the retail unit could be taken to Broadway for collection on bin collection day". (p.13)

This access has now been removed, and there is no internal link between the retail unit and the residential accommodation.

Access standards in this development will be commensurate with current standards, and in particular to the standards as set out in The Building Regulations, and also the relevant standards as set out in the Lifetime Homes Standards, which can be summarised as follows:

### 1.0 Approach Gradients \& Entrances

As stated above, the approach to entrance doors will be level as defined in the current Building Regulations - i.e., at better than 1:20. All entrances to the apartments have accessible thresholds.

### 2.0 Car Parking \& Transport

A car-free development is considered as the site is located to benefit from the existing public transport. For car users where parking is necessary, there are on-road parking spaces available on Singapore Road offering total 72 regular bays including 12 disabled bays and 2 motorcycle bays.

There is a west Ealing station to the north-east, Hanwell station to the west and Drayton Green station to the North and they are all in walking distance. Ealing Broadway tube station and shopping centre can be easily accessed by bus within 10 minutes.

### 3.0 External Entrances

The threshold into each apartment block will be level, with a continuous external drain at the entrance to keep water away from the threshold.

### 4.0 Communal Stairs \& Lifts

Communal stairs should provide easy access: The following will apply: Communal stairs: Uniform rise not more than 170 mm , uniform going not less than 250 mm . Handrails extend 300 mm beyond top and bottom step, handrail height 900 mm from each nosing. There is a fully compliant lift in each circulation core.

### 5.0 Doorways \& Hallways

The width of internal doorways and hallways will conform to Part M. In particular, the following will apply: Front door: Clear opening width of 800 mm , with a 300 nib to the site of the leading edge. Internal doors: Clear opening width of $750 \mathrm{~mm} /$ corridor or passageway width 900 mm if the approach is head-on or 1200 mm when the approach is not head-on, clear opening width $775 \mathrm{~mm} /$ corridor 1050 mm when the approach is not head on, $900 \mathrm{~mm} / 900 \mathrm{~mm}$ corridor when the approach is not head on.

### 6.0 Wheelchair Accessibility

There should be space for turning a wheelchair in dining areas and living rooms and adequate circulation space for wheelchairs elsewhere: In all accessible units, a turning circle of 1500 mm or a turning ellipse of $1700 \mathrm{~mm} \times 1400 \mathrm{~mm}$ is provided.

### 7.0 Living space

A living room, dining room and kitchen in all apartments are provided on the entrance level.

### 8.0 Bathroom \& WC Walls

Walls in the bathroom and WC should be capable of taking adaptations such as handrails: Wall reinforcements (if required) will be located between 300 and 1800 mm from the floor in all accessible units. The bathroom are to be planned so that a wheelchair user conveniently use the bathroom. Further details will be provided at the construction stage.

### 9.0 Stair Lift

The design should incorporate provision for a future stair lift: This requirement does not apply to this scheme.

### 10.0 Tracking Hoist Route

The design and specification should provide a reasonable route for a potential hoist from a main bedroom to the bathroom: A tracking hoist could easily be fitted between the studio and the bathroom in each accessible unit.

### 11.0 Window Specification

The design and selection of the window ironmongery will be operable for wheelchair users.

### 12.0 Controls, Fixtures \& Fittings

Switches, sockets, ventilation and service controls should be at a height usable by all (i.e. between 450 mm and 1200 mm from the floor). This applies to all rooms, including the kitchen and bathroom.

|  | GEA |  | GIA |  |
| :---: | :---: | :---: | :---: | :---: |
|  | sqm | sqft | sqm | sqft |
| Ground Floor | 451.8 | 4863.13 | 418 | 4499.31 |
| 1st Floor | 274.3 | 2952.538 | 246 | 2647.919 |
| 2nd Floor | 276.3 | 2974.066 | 247.6 | 2665.142 |
| 3rd Floor | 276.3 | 2974.066 | 247.6 | 2665.142 |
| 4th Floor | 114.8 | 1235.696 | 104.8 | 1128.057 |
| TOTAL |  |  |  | 1364 |


| GROUND FLOOR | NET Internal Area |  | External Amenity |  |
| :---: | :---: | :---: | :---: | :---: |
|  | sqm | sqft | sqm | sqft |
| 2 BED (G.01) | 80 | 861.112 | 55 | 592.014 |
| RETAIL | 142.1 | 1529.55 | 13.09 | 140.899 |
| TOTAL | 222.1 | 2390.662 | 68.09 | 732.914 |
|  |  |  |  |  |
| 1st FLOOR | NET Internal Area |  | External Amenity |  |
|  | sqm | sqft | sqm | sqft |
| 3 BED (1.01) | 103.7 | 1116.216 | 39.1 | 420.868 |
| 1 BED (1.02) | 52 | 559.723 | 36.9 | 397.188 |
| 1 BED (1.03) | 50.1 | 539.271 | 59.1 | 636.146 |
| TOTAL | 205.8 | 2215.211 | 135.1 | 1454.203 |
|  |  |  |  |  |
| 2nd FLOOR | NET Internal Area |  | External Amenity |  |
| 1 BED (2.01) | 51.9 | 558.646 | 9.5 | 102.257 |
| 1 BED (2.02) | 51 | 548.959 | 9.7 | 104.41 |
| 1 BED (2.03) | 52.6 | 566.181 | 7.2 | 77.5 |
| 1 BED (2.04) | 51.2 | 551.112 | 7.2 | 77.5 |
| TOTAL | 206.7 | 2224.898 | 33.6 | 361.667 |
|  |  |  |  |  |
| 3rd FLOOR | NET Internal Area |  | External Amenity |  |
| 1 BED (3.01) | 51.9 | 558.646 | 9.5 | 102.257 |
| 1 BED (3.02) | 51 | 548.959 | 9.7 | 104.41 |
| 1 BED (3.03) | 52.6 | 566.181 | 7.2 | 77.5 |
| 1 BED (3.04) | 51.2 | 551.112 | 7.2 | 77.5 |
| TOTAL | 206.7 | 2224.898 | 33.6 | 361.667 |
|  |  |  |  |  |
| 4th FLOOR | NET Internal Area |  | External Amenity |  |
| 3 BED (4.01) | 86 | 925.695 | 26.1 | 280.938 |
| TOTAL | 86 | 925.695 | 26.1 | 280.938 |
|  |  |  |  |  |
| TOTAL sqm for NET | 927.3 | TOTAL sqft for NET | 9981.364 |  |
| TOTAL sqm for E.A | 296.49 | TOTAL sqft for E.A | 3191.389 |  |
| TOTAL (sqm) | 1223.79 | TOTAL (sqft) | 13172.753 |  |


| Number of Rooms | 1 BED | 2 BED | 3 BED |
| :---: | :---: | :---: | :---: |
| Ground Floor | 0 | 1 | 0 |
| 1st Floor | 2 | 0 | 1 |
| 2nd Floor | 4 | 0 | 0 |
| 3rd Floor | 4 | 0 | 0 |
| 4th Floor | 0 | 0 | 1 |
| TOTAL | 10 | 1 | 2 |

## DRAWING SCHEDULE

EXISTING
539-01 Location Plan
539-02
539-03
539-04
539-05
539-06
539-07
539-08
539-09
Topographical Survey
Existing Ground Floor Plan
Existing First Floor Plan
Existing Second Floor Plan
Existing Roof Plan
Existing South Elevation
Existing North Elevation
Existing Sections

PROPOSED

539-100
539-101
539-102
539-103
539-104
539-105
539-106
539-107
539-108
539-109
539-SK01
539-SK02
Proposed Ground Floor Plan
Proposed First Floor Plan
Proposed Second Floor Plan
Proposed Third Floor Plan
Proposed Fourth Floor Plan
Proposed South Elevation
Proposed North Elevation
Proposed Rear Elevation
Proposed Section A-A
Proposed Section B-B
Proposed South View Along Broadway
Proposed North View Along Singapore Road








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539-108 PROPOSED SECTION A-A


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