

# Camden Development Policies 2010-2025

Local Development Framework



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Forward Planning  
London Borough of Camden  
Town Hall Extension  
Argyle Street  
London WC1H 8EQ

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Camden's Local Development Framework. Development Policies.

## DP5. Homes of different sizes

- 5.1 Core Strategy policy CS6 seeks to secure mixed and inclusive communities and a range of self-contained homes of different sizes. Our approach is informed by:
- the over-representation of small dwellings among Camden’s existing homes;
  - existing and projected household sizes in the borough;
  - the Council’s identified dwelling size priorities;
  - the need for a range of homes accessible across the spectrum of incomes; and
  - the housing needs of different groups.

Policy DP5 helps to implement this element of policy CS6 by setting out more detail on our approach to providing homes of different sizes.

- 5.2 Policy DP5 relates primarily to developments of self-contained houses and flats for general needs (Use Class C3). It will be used when assessing new build housing schemes, schemes to reconfigure or subdivide residential properties and to all changes of use to housing (in Use Class C3) from other uses. It will also be used when assessing development that creates self-contained homes from residential accommodation that is ancillary to another use. Policy DP5 will be applied to proposals for bedsits or other permanent housing with shared facilities if the development could be occupied lawfully as self-contained dwellings in Use Class C3 without submission of a further planning application (please see paragraphs 9.2 to 9.3 for more details).
- 5.3 Policy DP5 does not relate to developments that provide homes exclusively for older people, homeless people, vulnerable people or students (these are covered by policies DP7, DP8 and DP9). In such developments, the appropriateness of the proposed mix of dwelling sizes will be assessed in terms of the needs of the intended occupiers. However, all housing developments should contribute to the creation of mixed and inclusive communities. Therefore, it will often be appropriate for these dedicated housing types to be integrated into larger schemes that include general needs housing.

### DP POLICY

#### DP5 – Homes of different sizes

The Council will contribute to the creation of mixed and inclusive communities by securing a range of self-contained homes of different sizes. We will:

- seek to ensure that all residential development contributes to meeting the priorities set out in the Dwelling Size Priorities Table, including conversion of existing residential and non-residential floorspace;
- expect a mix of large and small homes in all residential developments.

In considering the mix of dwelling sizes appropriate to a development, the Council will have regard to the different dwelling size priorities for social rented, intermediate affordable and market homes, and will take into account:

- the character of the development, the site and the area, including the impact of the mix on child density;
- site size, and any constraints on including homes of different sizes; and
- the economics and financial viability of the site, including the demand for homes of different sizes.

- 5.4 The Council has identified different dwelling size priorities for social rented housing, intermediate affordable housing and market housing on the basis of the factors noted in paragraph 5.1. These priorities are set out in Core Strategy paragraph 6.39, and also set out in the Dwelling Size Priorities Table below, with dwelling sizes expressed in terms of number of bedrooms. The Council's particular aims for the size of each of these housing types form the final column of the table, and also provide the basis for monitoring policy DP5. When assessing a proposal against policy DP5, the Council will consider small homes to be studio flats, one bedroom and two-bedroom homes (the need for self-contained studio flats has not been assessed separately from the need for 1-bedroom homes). The Council will consider large homes to be homes with 3-bedrooms or more.

<b>Dwelling Size Priorities Table</b>					
	<b>1-bedroom (or studio)</b>	<b>2-bedrooms</b>	<b>3-bedrooms</b>	<b>4-bedrooms or more</b>	<b>Aim</b>
<b>Social rented</b>	lower	medium	<b>high</b>	<b>very high</b>	50% large
<b>Intermediate affordable</b>	medium	<b>high</b>	<b>high</b>	<b>high</b>	10% large
<b>Market</b>	lower	<b>very high</b>	medium	medium	40% 2-bed

- 5.5 The Council acknowledges that there is a need and/ or demand for dwellings of every size shown in the Priorities Table. We expect most developments to include some homes that have not been given a priority level, and some homes that are identified as medium priority. However, the Council has prioritised some sizes as high or very high priority (primarily on the basis of a high level of need relative to supply). We will expect proposals to include some dwellings that meet the very high priorities wherever it is practicable to do so. We will seek to focus provision around the very high and high priority sizes by assessing dwelling mixes against the aims in the Priorities Table. The Council will aim for at least 50% of social rented dwellings and 10% of intermediate affordable dwellings in each scheme to be large homes with 3-bedrooms or more, and for at least 40% of market homes to contain 2-bedrooms (in each case, proportions will be calculated in terms of numbers of dwellings rather than floorspace).
- 5.6 Having regard to criteria (c), (d) and (e) in policy DP5, the Council acknowledges that it will not be appropriate for every development to meet the aims set out in the Priorities Table. However, we consider that each development should contribute to the creation of mixed and inclusive communities by containing a mix of large and small homes overall, in accordance with criterion (b). Where possible a mix of large and small homes should be included within each category of housing provided (social rented, intermediate affordable and market). This will help ensure that each development provides some dwelling sizes that are high priorities and some that are not. The Council will resist development proposals for self-contained general needs housing that contain only one-bedroom and studio flats.
- 5.7 The Council will be flexible when assessing development against policy DP5, the dwelling size priority table, and the aims set out in paragraph 5.5. The mix of dwelling sizes appropriate in a specific development will be considered taking into account the character of the development, the site and the area. The following paragraphs set out a number of the relevant considerations.

### **Character of the development, the site and the area, and child density**

- 5.8 Where a development involves re-use of an existing building, this may limit the potential to provide a range of dwelling sizes. Issues that can arise include the creation of access via an existing staircase or lift; respect for the integrity of existing structural walls and patterns of windows; changes in floor level; and heritage designations (listed building and conservation area status) that



may restrict alterations. The Council will have regard to these issues, alongside the expectations arising from development size, and other issues considered below.

- 5.9 Where a development is for the conversion of existing homes (including the creation of self-contained homes from residential accommodation that is ancillary to another use), the Council will seek to minimise the loss of dwelling sizes that are given a priority of medium or above in the dwelling size priorities table. In particular, conversions involving affordable housing should retain or re-provide any existing large affordable homes unless the creation of small homes will allow the release of other large affordable homes that are currently under-occupied. Conversion of market housing should also generally retain or re-provide existing 2-bedroom homes and should also include large homes. Conversions that involve the loss of existing homes should also comply with policy DP2.
- 5.10 When considering the proportion of large homes appropriate within a specific development, we will take account of any features that make the development particularly suitable for families with children. We will also take into account the flexibility that larger dwellings create for other types of households, allowing for arrangements such as shared households and adults caring for elderly or infirm relatives. Developments are particularly suitable for children to live in if they have:
- the potential to provide space on site where children can play (open space or private amenity space);
  - dedicated children’s play space available nearby;
  - a number of homes with direct access to the street, private amenity space or open space;
  - no direct access to a major road;
  - a limited number of homes served from each internal corridor and each communal staircase or lift;
  - potential to provide a broad range of dwelling sizes in the development appropriate for new families with very young children and established families with older children.
- 5.11 Where some or all of the features listed in paragraph 5.10 are present, the Council will expect provision of a high proportion of large affordable homes, and expect inclusion of social-rented homes with 4-bedrooms or more (subject to policy DP3 on affordable housing). However, there are relatively few opportunities in Camden for housing development that will provide most of these features. Other ground floor uses often prevent direct access to the street, there are many major roads in the borough, and the cost of lifts is too high to share among a small number of homes. However, the Council does not consider that the absence of any or all of these features justifies the omission of large homes from a development. Developments should be arranged to provide access as directly as possible from large homes to the street entrance, external amenity space or open space. To provide for the minority ethnic mix in Camden, a proportion of large homes should have kitchens and food preparation areas that are physically separated from living areas. Please see our Camden Planning Guidance supplementary planning document for further details.

- 5.12 Child density is a measure of the number of children occupying a specific development or area. High child densities tend to arise where there is a high proportion of large affordable homes in a development, especially when these are social rented. In some circumstances, high child densities are associated with problems such as the use of communal areas as informal playgrounds, noise disturbance, graffiti and vandalism. When considering the proportion of large homes appropriate within a particular development, we will have regard to the child density in the surrounding area and the child density likely to arise in the development. We will also take account of the potential to use a management mechanism to control child densities, such as a sensitive lettings policy (these generally prevent all homes being occupied to their maximum capacity when they are first let).
- 5.13 A number of elements of good design are particularly relevant to considering the mix of dwelling sizes appropriate to a specific development proposal. The mix selected should achieve efficient layouts, in terms of the ratio of internal dwelling space to communal circulation space, and in terms of the proportion of the internal dwelling space that is usable. Where schemes include a number of floors, homes should be arranged to minimise noise disturbance, avoiding situations where bathrooms, living rooms and kitchens are directly above or below bedrooms. Homes where all windows face a single direction should also be avoided, especially in the case of large homes.

### **Development economics, financial viability, and demand**

- 5.14 As set out in paragraphs 6.56 and 6.57 under Camden Core Strategy section CS6, the Council intends to be flexible in pursuit of its policy objectives, and will take into account the findings of our monitoring of housing supply in the light of economic circumstances. These paragraphs note specifically that the Council may vary the range of home sizes sought in order to maximise housing delivery.
- 5.15 At some times, and in some parts of the borough, the demand for large market homes may be higher than the demand for small ones, and vice versa. Market homes of some sizes can therefore generate a premium in terms of their value per square metre. The value of affordable housing may also vary depending on its size. Large affordable homes may have a lower value per square metre than small ones if grant from the Homes and Communities Agency or rental payments by the occupiers do not reflect the higher costs of providing them. The Council recognises that the rigid application of dwelling size priorities can prejudice the financial viability of a development in these cases, and will consider the appropriate mix of dwellings having regard to their value and the potential to maximise the proportion of affordable housing on the site.
- 5.16 The Council also recognises market housing and intermediate affordable housing will often be too expensive for many households who need large homes. Average house prices in Camden were well over twice the national average in 2007 (Camden Housing Needs Survey Update 2008). The affordability issues affecting large market and intermediate affordable homes have been considered in setting our dwelling size priorities, but will they will also be taken into account when considering the mix of homes appropriate for individual schemes.





- 5.17 Affordability and funding concerns may sometimes be resolved by adapting the tenure of intermediate or market housing (subject to the limits on Council control over tenure). In the intermediate sector, large homes for shared-ownership may be more appropriate where property values are relatively low, and large homes for rent may be more appropriate where development costs are relatively high. In the market sector, 3-bedroom homes may be accessible to a wider range of households if they are made available to rent. The Council will take account of affordability, funding concerns, and the impact of different tenures when seeking its priority dwelling sizes in particular schemes.
- 5.18 More detailed guidance on the preferred affordable housing mix is contained in our Camden Planning Guidance supplementary planning document. The Council produces residential space standards that indicate the amount of internal space appropriate for dwellings intended to accommodate different numbers of occupiers. These are also set out in Camden Planning Guidance.

#### **Key evidence and references**

- Camden Housing Needs Study Update 2008
- Greater London Strategic Housing Market Assessment 2008
- The London Plan (consolidated with Alterations since 2004); Mayor of London; 2008
- Planning Policy Statement (PPS) 3 – Housing

## DP17. Walking, cycling and public transport

- 17.1 The provision of sustainable travel options is essential in order to reduce the environmental impact of travel, to support future growth, to relieve pressure on Camden’s existing transport network, and to provide alternatives to the private car. Core Strategy policy CS11 sets out at a strategic level how the Council will promote sustainable transport modes. Policy DP17 sets out in more detail the Council’s requirements for new development in terms of provision for walking, cycling and public transport, in conjunction with CS11 and policies DP16 and DP18 – DP21.

### DP POLICY

#### DP17 – Walking, cycling and public transport

The Council will promote walking, cycling and public transport use. Development should make suitable provision for pedestrians, cyclists and public transport and, where appropriate, will also be required to provide for interchanging between different modes of transport. Provision may include:

- a) convenient, safe and well-signalled routes including footways and cycleways designed to appropriate widths;
- b) other features associated with pedestrian and cycling access to the development, where needed, for example seating for pedestrians, signage, high quality cycle parking, workplace showers and lockers;
- c) safe road crossings where needed;
- d) bus stops, shelters, passenger seating and waiting areas, signage and timetable information.

The Council will resist development that would be dependent on travel by private motor vehicles.

The Council will seek to secure travel interchange facilities in locations that maximise travel benefits and minimise environmental harm. Passenger transport interchanges should provide for the co-ordination of arrival and departure timetabling on different services as far as possible. Interchanges catering for longer distance journeys should include toilets, baby changing facilities and facilities to provide refreshment for travellers.

- 17.2 Accessibility in Camden is generally good, with the majority of the borough already served by frequent public transport services through London Underground, London Overground, rail and bus links. There are few areas in the borough where development would have relatively limited accessibility to public transport (for example at the fringes of Hampstead Heath). In such areas, private cars may be the only practical option for some journeys. However, it is possible throughout Camden to provide for some journeys to be made in more sustainable ways. Developments will be dependent on travel by private motor vehicles if they are designed without a safe means of access to footways, nearby bus-stops, and a road or other route appropriate for cyclists. These will therefore be minimum requirements for all development.
- 17.3 The design of a development and the way it relates to transport networks will be major factors influencing the transport choices of future occupiers and visitors. To encourage people to make sustainable transport choices, the options available will need to form a continuous network of convenient and pleasant routes that make people feel safe, link to all parts of the borough, are easy to use by people with mobility difficulties, and be integrated by facilities to make it easy to change between one form of transport and another.

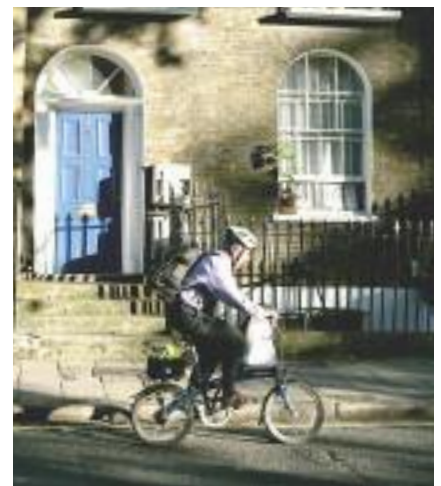


## Footpaths and cycle routes

- 17.4 The Council will expect new developments to provide appropriate, safe pedestrian and cycle links as part of schemes in order to promote sustainable travel and enhance accessibility, including for vulnerable users. The provision of pedestrian and cycle links also helps to promote more active, healthy lifestyles. In order to maintain pedestrian and cyclist safety, links should be designed to prevent conflict between motor vehicles, cyclists and pedestrians. Footpaths need to be wide enough for the number of people who will use them so they do not spill onto roads. They should also include features to assist vulnerable road users, including the provision of dropped kerbs and textured paving where appropriate.
- 17.5 Safe facilities for cyclists, either fully segregated or on the road, offer the best prospect for reducing the level of cycling on pavements. Measures for walking and cycling will often need to extend beyond the site if development will increase flows nearby, for example, footway widening, new pedestrian crossing facilities, and improved sightlines for cyclists. Our Camden Planning Guidance supplementary document and Streetscape Design Manual include guidance on designing spaces for pedestrians and cyclists. Where appropriate, developments will be expected to contribute towards the walking and cycling initiatives set out in Core Strategy policy CS11.
- 17.6 We will seek shared surfaces in appropriate circumstances, and where it will be safe for all users, for example at locations with high levels of pedestrian activity and where traffic speeds and volumes are low. Shared surfaces are unlikely to be appropriate on through-routes for cyclists.
- 17.7 Transport for London's *Walking Plan (2004)* and *Improving Walkability (2005)* good practice guidance documents set out strategic guidance and objectives to improve the pedestrian environment and encourage walking in the capital.

## Other features for pedestrians and cyclists

- 17.8 The availability of routes alone is not sufficient to provide access to a development for pedestrians and cyclists, and many developments will need to make other provisions.
- 17.9 The nature and quality of features for pedestrians and cyclists is also highly important in order to create pleasant public spaces that are accessible to all, including people with mobility difficulties. Developments should provide features for pedestrians and cyclists that contribute towards the Council's objectives for promoting walking and cycling (see Core Strategy policy CS11 – *Promoting sustainable and efficient travel*), and to the creation of high quality public spaces, as required in Core Strategy policy CS14 – *Promoting high quality places and conserving our heritage* (see also policy DP21 – *Development connecting to the highway network* below).
- 17.10 At origins and destinations, cyclists will need storage for bicycles, equipment and protective clothing, and will often need to shower. High quality cycle parking is required in accordance with policy DP18 – *Parking standards and limiting the availability of car parking* and guidance in our Camden Planning Guidance supplementary document.
- 17.11 Contributions towards wider cycle initiatives may also be sought from new developments. See Core Strategy Policy CS11 for further information on cycle hire and cycle stations, which are integral elements of the Council's approach to promoting cycling.





## Buses

- 17.12 In most developments, measures to enable use of buses will focus on provision of information within the development, improving the route to a stop, and enhancing bus-stop facilities: possible measures include signing the route, seating and shelters. There may be occasions when there is no spare capacity on existing bus services, and to enable a development to benefit from public transport services, a financial contribution to increase capacity would be necessary (for example, additional bus lane provision, or priority for buses at traffic lights). It may sometimes be necessary to pool contributions, particularly where there are cumulative impacts from nearby developments and an increase in capacity is needed.

## Provision for interchange between transport modes

- 17.13 Most journeys involve changing between one form of travel and another and developments will sometimes need to cater for this. The creation of convenient and pleasant interchanges will encourage people to use alternatives to the car. A number of existing interchange points in the borough are likely to be developed in conjunction with the borough's growth areas (see Camden Core Strategy policy CS2) and with programmed transport investment. Interchanges around which additional development is expected to come forward include Euston Station, Tottenham Court Road Station, West Hampstead and Camden Town Underground Station.
- 17.14 Where development is proposed at an interchange between public transport services, the Council will expect the inclusion of facilities to make interchange easy and convenient for all users, and maintain passenger comfort. In line with Camden Core Strategy policies CS14 – *Promoting high quality places and conserving our heritage* and CS17 – *Making Camden a safer place*, works affecting interchanges should seek to provide high quality spaces that are safe for all users, and encourage people to use public transport and walk and cycle to destinations.

### Key evidence and references

- Draft Camden Green Transport Strategy 2008 – 2012
- Camden Walking Plan Second Edition 2006
- Camden Cycling Plan: fourth annual review (2008)
- Camden Local Implementation Plan (LIP) 2005/06 – 2010/11
- Camden Interim Parking and Enforcement Plan 2005/11
- Camden Road Network Management Plan
- Camden Streetscape Design Manual 2005
- The London Plan (consolidated with Alterations since 2004); Mayor of London; 2008
- Planning Policy Guidance (PPG) 13: Transport; ODPM; 2001

## DP18. Parking standards and limiting the availability of car parking

- 18.1 Limiting the supply of car-parking is a key factor for addressing congestion in the borough and encouraging people to use more sustainable ways to travel (see Core Strategy policy CS11 – *Sustainable and efficient travel* for our overall approach to this). Policy DP18 sets out the Council's approach to parking in new development. It seeks to minimise the level of car parking provision in new developments, as well as promoting cycle parking, and the provision of spaces for car clubs and electric charging points. This policy should be read in conjunction with policy DP19, which sets out how the Council will address the potential negative impacts of parking associated with new development, and Core Strategy policy CS11.

### DP POLICY

#### DP18 – Parking standards and limiting the availability of car parking

The Council will seek to ensure that developments provide the minimum necessary car parking provision. The Council will expect development to be car free in the Central London Area, the town centres of Camden Town, Finchley Road/Swiss Cottage, Kentish Town, Kilburn High Road and West Hampstead, and other areas within Controlled Parking Zones that are easily accessible by public transport.

Development should comply with the Council's parking standards, as set out in Appendix 2 to this document. Where the Council accepts the need for car parking provision, development should not exceed the maximum standard for the area in which it is located (excluding spaces designated for disabled people). Developments in areas of on-street parking stress should be 'car capped'.

For car free and car capped developments, the Council will:

- a) limit on-site car parking to:
  - spaces designated for disabled people,
  - any operational or servicing needs, and
  - spaces designated for the occupiers of development specified as car capped;
- b) not issue on-street parking permits; and
- c) use a legal agreement to ensure that future occupants are aware they are not entitled to on-street parking permits.

Developments will also be expected to meet the Council's minimum standards for cycle parking set out in Appendix 2.

The Council will:

- d) strongly encourage contributions to car clubs and pool car schemes in place of private parking in new developments across the borough; and
- e) seek the provision of electric charging points as part of any car parking provision.

## Car-free development

- 18.2 The Council generally expect development in Low Parking Provision Areas (i.e. the Central London area, our town centres and other areas with high public transport accessibility) to be car-free. Camden has been successfully securing car-free housing since 1997 as a way of encouraging car-free lifestyles, promoting sustainable ways of travelling, and helping to reduce the impact of traffic. Policy DP18 extends the car-free concept to non-residential development, which has the potential to reduce commuting by car and promote car-free work-related journeys. Car-free development can facilitate sustainability and wider objectives, including:
- freeing space on a site from car-parking, to allow additional housing, community facilities, play areas, amenity spaces and cycle parking;
  - enabling additional development where parking provision would not be acceptable due to congestion problems and on-street parking stress;
  - helping to promote alternative, more sustainable forms of transport.
- 18.3 Car-free development has no car parking within the site and occupiers are not issued with on-street parking permits. (People with disabilities who are Blue Badge holders may park in on-street spaces without a parking permit.) Car-free development should meet the Council's cycle parking standards and may, where required, include on-site space for people with disabilities, servicing, coach and taxi activity. The Central London Area and our town centres, other than Hampstead, are well-equipped to support car-free households and businesses as they have high levels of public transport accessibility, and provide opportunities to access a range of goods, services, workplaces and homes. Camden will expect development in these areas to be car-free, and will resist the inclusion of general car parking unless supported by a Transport Assessment or other compelling justification. See also paragraphs 18.8 and 18.9 below, which set out the Council's approach to removing rights to on-street parking.
- 18.4 Much of the rest of the borough has public transport accessibility levels that are moderate to excellent. Provided that parking controls are in force, the Council will expect car-free development where public transport accessibility is equivalent to levels in our town centres, and will strongly encourage it elsewhere.

## Parking standards

- 18.5 Developments throughout the borough will be expected to comply with the parking standards set out in Appendix 2. The standards include:
- maximum parking standards for general car parking provision, to encourage people to consider all alternatives to private car travel;
  - minimum cycle parking standards , to encourage people to meet their travel needs by cycling;
  - minimum parking standards for people with disabilities to meet their needs; and
  - minimum standards for servicing, taxi and coach activity, to provide an alternative to on-street provision.





- 18.6 The maximum car parking standards include separate figures for Low Parking Provision Areas and for the rest of the borough. As we generally seek car free development in the Low Parking Provision Areas, we will only apply the car parking standards for these areas where a developer can demonstrate to the Council's satisfaction that such parking should be provided on a site.
- 18.7 The maximum car parking standards for employment generating uses are intended to limit the potential for commuting by private car (other than by disabled people). A workplace's operational needs are only considered to include journeys to work if travel is at times when public transport services are severely limited or if employees need continuous access to a car for work purposes whether or not they are at the workplace.
- 18.8 The Council will expect new developments in areas of high on-street parking stress to be car-capped. Car-capped development has a limited amount of on-site car parking, but no access to on-street parking permits in order to avoid any impact on on-street parking. The level of on-site provision must meet the car and cycle parking standards in Appendix 2 for the area in which a development is located, and may, where required, include on-site space for people with disabilities, servicing, coach and taxi activity. Policy DP19 below addresses in more detail the impact of parking associated with new development, including on on-street parking conditions.
- 18.9 To implement car-free and car-capped development, the Council needs to remove entitlements for parking permits from future occupiers. This will be achieved through seeking a legal agreement with the developer, as it is the only way of ensuring that all incoming occupiers are aware that they are not eligible for a permit to park on the street.
- 18.10 The Council's Parking Standards apply to all development, whether involving new construction or a change in the use of an existing building. The Council accepts the need for a flexible approach to some aspects of the minimum parking standards, for example where the nature of the street frontages preclude access to on-site car parking, and may consider the potential for designating disabled parking bays on-street. The Council will also consider the parking requirements from premises that are used by the emergency services.
- 18.11 Details of parking arrangements should be submitted with planning applications, showing how car, servicing and cycle parking requirements will be met. Guidance on the space requirements for car and cycle parking are included in Camden's Planning Guidance and Streetscape Design Manual.

## Cycle parking

- 18.12 All developments will be expected to meet the Council’s cycle parking standards, as set out in Appendix 2 to this document, as a minimum. The provision of cycle parking in new developments encourages a healthy and more sustainable alternative to the use of the private car.
- 18.13 Cycle parking provision should be provided with convenient access to street level and must be secure and easy for everyone to use. Cycle parking for residents and employees cannot usually be met off-site due to the security and shelter necessary for long stays. Where applicants demonstrate that cycling provision according to these standards is not feasible on a development site, the Council may seek a contribution to off-site provision in lieu of provision within the site. Please also see policy DP17 for further guidance relating to the provision of facilities for cyclists in new developments. Further guidance on cycle parking and storage is contained in the Camden Planning Guidance supplementary document.

## Car clubs and pool cars

- 18.14 Camden Core Strategy policy CS11 states that the Council will expand the availability of car clubs and business pool cars as an alternative to the private car. Car clubs and pool cars offer the benefit of removing the need for car ownership for many households and discourage the use of the car for journeys, including commuting and business trips that could be made by more sustainable modes, thus reducing the use of cars and the need for car parking spaces.
- 18.15 The Council will strongly encourage developers to provide or contribute towards car club or pool car spaces in as an alternative private parking. Provision of new spaces within developments will be encouraged in locations where they can be made available to car-club members.

## Low emission vehicles

- 18.16 Camden Core Strategy policy CS11 promotes the use of low emission vehicles, including through expanding the availability of electric charging points. The Council will encourage the provision of electric vehicle charging spaces in new developments, including for electric pool cars or electric car-club cars. For general car parking, such spaces should be provided within the maximum standards set out in Appendix 2 – *Parking Standards*. The emerging draft replacement London Plan also supports the provision of electric charging points in new developments, and the Mayor’s Electric Vehicle Delivery Plan for London sets out a range of measures to encourage the use of electric vehicles and increase the number of charging points across the capital, including through provision as part of new developments.
- 18.17 The Council will encourage the provision of electric vehicle charging spaces in new developments, including for electric pool cars or electric car-club cars. For general car parking, such spaces should be provided within the maximum standards set out in Appendix 2 – *Parking Standards*.

### Key evidence and references

- Camden Green Transport Strategy 2008 – 2012
- Camden Local Implementation Plan (LIP) 2005/06 – 2010/The London Plan (consolidated with Alterations since 2004); Mayor of London; 2008
- The London Plan (consolidated with Alterations since 2004); Mayor of London; 2008
- Let’s talk rubbish! Camden’s waste strategy 2007-2010 (revision 1, 2008)
- Planning Policy Guidance (PPG) 13: Transport; ODPM; 2001

# Improving and protecting our environment and quality of life

## DP24. Securing high quality design

- 24.1 Core Strategy policy CS14 – *Promoting high quality places and conserving our heritage* sets out the Council’s overall strategy on promoting high quality places, seeking to ensure that Camden’s places and buildings are attractive, safe, healthy and easy to use and requiring development to be of the highest standard of design that respects local context and character. Camden has a unique and rich built and natural heritage, with many areas with their own distinct character, created by a variety of elements including building style and layout, history, natural environment including open spaces and gardens, and mix of uses. We have a duty to respect these areas and buildings and, where possible, enhance them when constructing new buildings and in alterations and extensions.
- 24.2 Policy DP24 contributes to implementing the Core Strategy by setting out our detailed approach to the design of new developments and alterations and extensions. These principles will ensure that all parts of Camden’s environment are designed to the highest possible standards and contribute to providing a healthy, safe and attractive environment.
- 24.3 The Core Strategy also sets out our approach to other matters related to design, such as tackling climate change through promoting higher standards (CS13), the importance of community safety and security (CS17) and protecting amenity from new development (CS5). Further guidance on design is contained in our Camden Planning Guidance supplementary document.

### DP POLICY

#### DP24 – Securing high quality design

The Council will require all developments, including alterations and extensions to existing buildings, to be of the highest standard of design and will expect developments to consider:

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>a) character, setting, context and the form and scale of neighbouring buildings;</li> <li>b) the character and proportions of the existing building, where alterations and extensions are proposed;</li> <li>c) the quality of materials to be used;</li> <li>d) the provision of visually interesting frontages at street level;</li> </ul> | <ul style="list-style-type: none"> <li>e) the appropriate location for building services equipment;</li> <li>f) existing natural features, such as topography and trees;</li> <li>g) the provision of appropriate hard and soft landscaping including boundary treatments;</li> <li>h) the provision of appropriate amenity space; and</li> <li>i) accessibility.</li> </ul> |
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## Promoting good design

- 24.4 The Council is committed to design excellence and a key strategic objective of the borough is to promote high quality, sustainable design. This is not just about the aesthetic appearance of the environment, but also about enabling an improved quality of life, equality of opportunity and economic growth. We will therefore apply policy DP24 to ensure that all developments throughout the borough, including alterations and extensions to existing buildings, are of the highest standard of design. In accordance with government guidance in Planning Policy Statement (PPS) 1 – *Delivering Sustainable Development* we will not accept design that is inappropriate to its context or which fails to take opportunities to improve the character and quality of an area and the way that it is used by residents and visitors.
- 24.5 Camden is a densely built-up borough where most development involves the replacement, extension or conversion of existing buildings. Design should respond creatively to its site and its context. This concerns both smaller-scale alterations and extensions and larger developments, the design and layout of which should take into account the pattern and size of blocks, open spaces, gardens and streets in the surrounding area (the ‘urban grain’).
- 24.6 The Council seeks to encourage outstanding architecture and design, both in contemporary and more traditional styles. Innovative design can greatly enhance the built environment and, unless a scheme is within an area of homogenous architectural style that is important to retain, high quality contemporary design will be welcomed. When assessing design, we will take into account government/CABE guidance *By Design – Urban Design in the planning system: towards better practice* and our own Camden Planning Guidance supplementary document.
- 24.7 Development should consider:
- the character and constraints of its site;
  - the prevailing pattern, density and scale of surrounding development;
  - the impact on existing rhythms, symmetries and uniformities in the townscape;
  - the compatibility of materials, their quality, texture, tone and colour;
  - the composition of elevations;
  - the suitability of the proposed design to its intended use;
  - its contribution to public realm, and its impact on views and vistas; and
  - the wider historic environment and buildings, spaces and features of local historic value.
- 24.8 Buildings should be designed to be as sustainable as possible. Environmental design and construction measures are set out in Policy DP22 – *Promoting sustainable design and construction*. Sustainable development also embraces principles of social sustainability which can be addressed by new development which:
- provides comfortable, safe, healthy and accessible space for its users;
  - is fit for purpose and can accommodate future flexibility of use;
  - provides a mix of uses and types of accommodation and provides for a range of needs within the community; and
  - provides sufficient amenity space for the promotion of health and wellbeing.





- 24.9 The re-use of existing buildings preserves the ‘embodied’ energy expended in their original construction, minimises construction waste and reduces the use of new materials. Many historic buildings display qualities that are environmentally sustainable and have directly contributed to their survival, for example the use of durable, natural, locally sourced materials, ‘soft’ construction methods, good room proportions, natural light and ventilation and ease of alteration. The retention and adaptation of existing buildings will be encouraged.
- 24.10 Due to the dense nature of Camden with extensive range and coverage of heritage assets, such as conservation areas, numerous listed buildings and five strategic views and two background views crossing the borough, the Council does not consider that it is practical to identify broad areas either suitable, or not suitable, for tall buildings. In the borough, a site may be suitable for a tall building while adjacent sites are not, due to impact on either views, conservations areas or listed buildings. Indeed, in some cases, suitability for a tall building differs across a single site. Given Camden’s strategic environmental characteristics, the entire borough is considered as being within the ‘sensitive’ category, as defined by the English Heritage/CABE Guidance on Tall Buildings (2007). Tall building proposals in Camden will therefore merit detailed design assessments. As part of the revision of the Camden Planning Guidance SPD further clarity will be provided on tall buildings and design issues in Camden.

## Respecting local character

- 24.11 Given the highly built-up nature of Camden, careful consideration of the characteristics of a site, features of local distinctiveness, and the wider context is needed in order to achieve high quality development which integrates into its surroundings.
- 24.12 In order to best preserve and enhance the positive elements of local character within the borough, we need to recognise and understand the factors that create it. Designs for new buildings, and alterations and extensions, should respect the character and appearance of the local area and neighbouring buildings. Within areas of distinctive character, development should reinforce those elements which create the character. Where townscape is particularly uniform attention should be paid to responding closely to the prevailing scale, form and proportions and materials. In areas of low quality or where no pattern prevails, development should improve the quality of an area and give a stronger identity.
- 24.13 Development should not undermine any existing uniformity of a street or ignore patterns or groupings of buildings. Overly large extensions can disfigure a building and upset its proportions. Extensions should therefore be subordinate to the original building in terms of scale and situation unless, exceptionally, it is demonstrated that this is not appropriate given the specific circumstances of the building. Past alterations or extensions to surrounding properties should not necessarily be regarded as a precedent for subsequent proposals for alterations and extensions.
- 24.13 Design and Access statements should include an assessment of local context and character, and set out how the development has been informed by, and responds to it. We have prepared a series of Conservation Area Statements, Appraisals and Management Plans which describe the character and appearance of individual conservation areas and set out how the Council considers each can be conserved and enhanced. These should be used by developers to inform their understanding of the special character of the area, and we will take these into account when assessing development proposals in conservation areas. Development Policy DP25 – *Conserving Camden’s heritage* provides further guidance on the preservation and enhancement of the historic environment.

## Detailing and materials

- 24.15 Architectural detailing should be carefully integrated into a building. In new development, detailing should be carefully considered so that it conveys quality of design and creates an attractive and interesting building. Architectural features on existing buildings, such as cornices, mouldings, architraves, porches and chimneys should be retained wherever possible, as their loss can harm a building by eroding its detailing. The insensitive replacement of windows and doors and the cladding and painting of masonry can also spoil the appearance of buildings and can be particularly damaging if the building forms part of a uniform group.
- 24.16 Schemes should incorporate materials of an appropriately high quality. The durability and visual attractiveness of materials will be carefully considered along with their texture, colour and compatibility with existing materials. Alterations and extensions should be carried out in materials that match the original or neighbouring buildings, or, where appropriate, in materials that complement or enhance a building or area.

## Contributing to the street frontage

- 24.17 Buildings should be visually interesting at street level, with entrances and windows used to create active frontages, which allow overlooking of public areas, provide a sense of vitality and contribute to making Camden a safer place (see Core Strategy policy CS17). Ground floors should be occupied by active uses and should not turn their back on streets and other public spaces.

## Incorporating building services equipment

- 24.18 Building services equipment, such as air cooling, heating, ventilation and extraction systems, lift and mechanical equipment, as well as fire escapes, ancillary plant and ducting should be contained within the envelope of a building or be located in a visually inconspicuous position.

## Responding to natural features

- 24.19 New developments should respond to the natural assets of a site and its surroundings, such as slopes and height differences, trees and other vegetation. Extensions and new developments should not cause the loss of any existing natural habitats, including private gardens. Core Strategy policy CS15 – *Protecting and improving our parks and open spaces and encouraging biodiversity* provides further guidance on nature conservation in Camden and the Council's strategy for trees.
- 24.20 Development within rear gardens and other undeveloped areas can often have a significant impact upon the amenity and character of an area. Gardens help shape their local area, provide a setting for buildings and can be important visually. Therefore they can be an important element in the character and identity of an area (its 'sense of place'). We will resist development that occupies an excessive part of a garden, and where there is a loss of garden space which contributes to the character of the townscape.
- 24.21 Development will not be permitted which fails to preserve or is likely to damage trees on a site which make a significant contribution to the character and amenity of an area. Where appropriate the Council will seek to ensure that developments make adequate provision for the planting and growth to maturity of large trees.





## Incorporating Landscaping

24.22 As with buildings, consideration of context is essential in the design of new hard and soft landscaping. Hard landscape elements (surfaces, boundary treatments etc), and the materials from which they are made, play a significant role in defining the character and attractiveness of a site or area and reinforcing local distinctiveness. New planting can contribute to the attractiveness of a development, soften and balance the impact of buildings and contribute to the biodiversity value of a site. Effective maintenance is often essential to the success of soft landscaping (shrubs, grass etc) and, where appropriate, the Council will expect planting plans to be accompanied by a maintenance schedule. New hard and soft landscaping should be of high quality and should positively respond to its local character.

## Providing amenity space

24.23 Private outdoor amenity space can add significantly to resident's quality of life and applicants are therefore encouraged to explore all options for the provision of new private outdoor space. Gardens, balconies and roof terraces are greatly valued and can be especially important for families. However, the densely built up nature of the borough means that the provision of private amenity space can be challenging, and the Council will require that the residential amenity of neighbours be preserved, in accordance with policy DP26 – *Managing the impact of development on occupiers and neighbours* and Core Strategy policy CS5 – *Managing the impact of growth and development*.

## Accessibility

24.24 In line with policy DP29 – *Improving access* the Council will expect all buildings and places to meet the highest practicable standards of access and inclusion. Any adaptation of existing buildings must therefore address this issue and respond to access needs whilst ensuring that alterations are sympathetic to the building's character and appearance. Policy DP25 – *Conserving Camden's heritage* provides further guidance on providing access to listed buildings.

### Key evidence and references

- By Design: Urban Design in the Planning System – Towards Better Practice; DETR/CABE; 2000
- Planning Policy Statement (PPS) 1 – Delivering Sustainable Development, 2005
- Planning Policy Statement (PPS) 12 – Local Spatial Planning, 2008
- Making design policy work, CABE; 2005
- The London Plan (consolidated with alterations since 2004); Mayor of London; 2008
- Building in Context, CABE/English Heritage, 2002
- Tree and Woodland Framework for London, Mayor of London, 2005

## DP26. Managing the impact of development on occupiers and neighbours

- 26.1 Camden's Core Strategy seeks to sustainably manage growth so that it takes place in the most appropriate locations and meets our needs while continuing to conserve and enhance the features that make Camden such an attractive place to live, work and visit (see policy CS1). Promoting and protecting high standards of amenity is a key element in this and will be a major consideration when the Council assesses development proposals. Core Strategy policies CS5 – *Managing the impact of growth and development* and CS14 – *Promoting high quality places and conserving our heritage* set out our overall approach to protecting the amenity of Camden's residents, workers and visitors, a major factor in people's quality of life. Policy DP26 contributes to the implementation of the Core Strategy by making sure that the impact of a development on occupiers and neighbours is fully considered.

### DP POLICY

#### DP26 – Managing the impact of development on occupiers and neighbours

The Council will protect the quality of life of occupiers and neighbours by only granting permission for development that does not cause harm to amenity. The factors we will consider include:

- a) visual privacy and overlooking;
- b) overshadowing and outlook;
- c) sunlight, daylight and artificial light levels;
- d) noise and vibration levels;
- e) odour, fumes and dust;
- f) microclimate;
- g) the inclusion of appropriate attenuation measures.

We will also require developments to provide:

- h) an acceptable standard of accommodation in terms of internal arrangements, dwelling and room sizes and amenity space;
- i) facilities for the storage, recycling and disposal of waste;
- j) facilities for bicycle storage; and
- k) outdoor space for private or communal amenity space, wherever practical.

- 26.2 Development should avoid harmful effects on the amenity of existing and future occupiers and to nearby properties. When assessing proposals the Council will take account the considerations set out in policy DP26. The Council's Camden Planning Guidance supplementary document contains detailed guidance on the elements of amenity.

#### Visual privacy, overlooking, overshadowing, outlook, sunlight and daylight

- 26.3 A development's impact on visual privacy, overlooking, overshadowing, outlook, access to daylight and sunlight and disturbance from artificial light can be influenced by its design and layout, the distance between properties, the vertical levels of onlookers or occupiers and the angle of views. These issues will also affect the amenity of the new occupiers. We will expect that these elements are considered at the design stage of a scheme to prevent potential negative impacts of the development on occupiers and neighbours. To assess whether acceptable levels of daylight and sunlight are available to habitable spaces, the Council will take into account the standards recommended in the British Research Establishment's *Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice (1991)*.

## Artificial lighting levels

- 26.4 Lighting creates a sense of safety and can enable activities in the evenings and at night. It can be used to highlight landmark buildings and add vitality to our streets. Lighting can increase the potential for natural surveillance and, where used correctly, can reduce the opportunity for criminal activity and increase the likelihood of it being challenged and/or reported. However, poorly designed internal and external lighting or lighting that operates for an excessive period of time is a form of pollution that can harm the quality of life for those living nearby, affect wildlife and waste energy. Camden's dense character means that light pollution can be a bigger problem in the borough than in lower density areas where uses are not so close together. For example, lighting from conservatories can affect neighbours living above, as well as to the sides and rear, and the lighting of advertisements can affect people living nearby. Glare and light spillage from poorly designed lighting can make it less easy to see things at night and effect wildlife as well as people. Lighting should only illuminate the intended area and not affect or impact on its surroundings. Schemes involving floodlighting and developments in sensitive areas, such as adjacent to sites of nature conservation importance, should employ a specialist lighting engineer accredited by the Institute of Lighting Engineers to ensure that artificial lighting causes minimal disturbance to occupiers and wildlife. For further details on lighting and occupiers and biodiversity please see our Camden Planning Guidance supplementary document.

## Noise and vibration

- 26.5 Noise/vibration pollution has a major effect on amenity and health and can be a particularly significant issue in Camden given the borough's dense urban nature. More detail on how to prevent disturbance from noise and vibration, including the requirement for mitigation measures can be found in policy DP28.

## Odours, fumes and dust

- 26.6 Camden suffers from extremely poor air quality which has a harmful impact on health and the environment. More detail on how the Council is tackling poor air quality can be found in policy DP32. Camden Planning Guidance provides information on how developments should be designed to prevent occupants from being exposed to air pollution, including mitigation measures.





26.7 Odours, fumes and dust can be generated from commercial cooking, industrial process and construction and demolition. We will require all development likely to generate odours to prevent them from being a nuisance by installing appropriate extraction equipment and other mitigation measures. Further details on mitigation measures and where extraction equipment should be located can be found in Camden Planning Guidance. Further details on limiting noise from extraction equipment can be found in DP28. The Council will limit the disturbance from dust due to construction and demolition by expecting developers and their contractors to follow the London Councils' Best Practise Guidance *The control of dust and emissions from construction and demolition*. We will also expect developers to sign up to the Considerate Constructors Scheme. Details of how these will be implemented should be provided in a Construction Management Plan. Please see below for further details on Construction Management Plans.

## Microclimate

26.8 Developments, especially when large, can alter the local climate. For example, a light coloured building that reflects heat will stay cool on the inside and the outside, whereas a dark building will absorb heat during the day to raise internal temperatures and slowly release this heat as the temperature cools, keeping the local air temperature warmer. Buildings can also affect the flow of air and cause wind tunnels. All developments should consider local topography and the local microclimate in their design. Developments large enough to alter the local climate will be required to submit a statement demonstrating how the design has considered local conditions. Detail of what is expected in such a statement can be found in the Camden Planning Guidance.

## Attenuation measures and Construction Management Plans

26.9 Most potential negative effects of a development can be designed out or prevented through mitigation measures. For example, appropriately located and insulated extraction equipment can prevent nuisance caused by strong odours and fumes. An air tight building with mechanical ventilation and good insulation can make living adjacent to railways and busy roads acceptable with regards to noise, vibration and internal air quality. We will require any attenuation measures to be identified prior to planning permission being granted and secured for the lifetime of the development.

26.10 Disturbance from development can also occur during the construction phase. Measures required to reduce the impact of demolition, excavation and construction works must be outlined in a Construction Management Plan. We will require Construction Management Plans to identify the potential impacts of the construction phase of the development and state how any potential negative impacts will be mitigated. Construction Management Plans may be sought for:

- major developments;
- basement developments;
- developments involving listed buildings or adjacent to listed buildings;
- developments that could affect wildlife;
- developments on sites with poor or limited access; and
- developments that could cause significant disturbance due to their location or the anticipated length of the, demolition, excavation or construction period.

For further details on construction management plans please refer to our Camden Planning Guidance supplementary. Please see policy DP27 for more on our approach to basements.

## Standards of accommodation

26.11 The size of a dwelling and its rooms, as well as its layout, will have an impact on the amenity of its occupiers. Residential standards and guidance are contained in our Camden Planning Guidance supplementary document. Policy DP6 outlines our approach to Lifetime Homes and further detail can be found in Camden Planning Guidance. Details on our approach to providing facilities for waste and for bicycle storage can also be found in Camden Planning Guidance. Details on our requirements for the provision of cycle parking can be found in DP18 – *Parking standards and limiting the availability of car parking*.

26.12 Outdoor amenity space provides an important resource for residents, which is particularly important in Camden given the borough's dense urban environment. It can include private provision such as gardens, courtyards and balconies, as well as communal gardens and roof terraces. The Council will expect the provision of gardens in appropriate developments, and particularly in schemes providing larger homes suitable for families. However, we recognise that in many parts of the borough this will not be realistic or appropriate. In these locations, the provision of alternative outdoor amenity space, for example, balconies, roof gardens or communal space will be expected. These amenity spaces should be designed to limit noise and disturbance of other occupiers and so not to unacceptably reduce the privacy of other occupiers and neighbours.

### Key evidence and references

- Air Quality Action Plan 2009-13
- Camden's Noise Strategy, 2002
- Planning Policy Guidance (PPG) 24: Planning and Noise
- The London Plan (consolidated with alterations since 2004); Mayor of London; 2008
- Cleaning London's Air: The Mayor's Air Quality Strategy (2002)
- Sounder City – The Mayor's Ambient Noise Strategy; Mayor of London; 2004
- Institution of Lighting Engineers web-site, <http://www.ile.org.uk>

## DP28. Noise and vibration

- 28.1 Noise and vibration can have a major effect on amenity and health and therefore quality of life. Camden's high density and mixed-use nature means that disturbance from noise and vibration is a particularly important issue in the borough. Camden's Core Strategy recognises the importance of this issue for Camden's residents and policy DP28 contributes to implementing a number of Core Strategy policies, including CS5 – *Managing the impact of growth and development*, CS9 – *Achieving a successful Central London*, CS11 – *Promoting sustainable and efficient travel* and CS16 – *Improving Camden's health and well-being*.

### DP POLICY

#### DP28 – Noise and vibration

The Council will seek to ensure that noise and vibration is controlled and managed and will not grant planning permission for:

- a) development likely to generate noise pollution; or
- b) development sensitive to noise in locations with noise pollution, unless appropriate attenuation measures are provided.

Development that exceeds Camden's Noise and Vibration Thresholds will not be permitted.

The Council will only grant permission for plant or machinery if it can be operated without cause harm to amenity and does not exceed our noise thresholds.

The Council will seek to minimise the impact on local amenity from the demolition and construction phases of development. Where these phases are likely to cause harm, conditions and planning obligations may be used to minimise the impact.

- 28.2 The effect of noise and vibration can be minimised by separating uses sensitive to noise from development that generates noise and by taking measures to reduce any impact. Noise sensitive development includes housing, schools and hospitals as well as offices, workshops and open spaces, while noise is generated by rail, road and air traffic, industry, entertainment (e.g. nightclubs, restaurants and bars) and other uses.
- 28.3 The Council will only grant planning permission for development sensitive to noise in locations that experience noise pollution, and for development likely to generate noise pollution, if appropriate attenuation measures are taken, such as double-glazing. Planning permission will not be granted for development sensitive to noise in locations that have unacceptable levels of noise. Where uses sensitive to noise are proposed close to an existing source of noise or when development that generates noise is proposed, the Council will require an acoustic report to ensure compliance with PPG24: *Planning and noise*. A condition will be imposed to require that the plant and equipment which may be a source of noise pollution is kept working efficiently and within the required noise limits and time restrictions. Conditions may also be imposed to ensure that attenuation measures are kept in place and effective throughout the life of the development.
- 28.4 In assessing applications, we will have regard to the Noise and Vibration Thresholds, set out below. These represent an interpretation of the standards in PPG24 and include an evening period in addition to the day and night standards contained in the PPG, which provide a greater degree of control over noise and vibration during a period when noise is often an issue in the borough.



**Table A: Noise levels on residential sites adjoining railways and roads at which planning permission will not be granted**

Noise description and location of measurement	Period	Time	Sites adjoining railways	Sites adjoining roads
Noise at 1 metre external to a sensitive façade	Day	0700-1900	74 dB $L_{Aeq}$ 12h	72 dB $L_{Aeq}$ 12h
Noise at 1 metre external to a sensitive façade	Evening	1900-2300	74 dB $L_{Aeq}$ 4h	72 dB $L_{Aeq}$ 4h
Noise at 1 metre external to a sensitive façade	Night	2300-0700	66 dB $L_{Aeq}$ 8h	66 dB $L_{Aeq}$ 8h

**Table B: Noise levels on residential streets adjoining railways and roads at and above which attenuation measures will be required**

Noise description and location of measurement	Period	Time	Sites adjoining railways	Sites adjoining roads
Noise at 1 metre external to a sensitive façade	Day	0700-1900	65 dB $L_{Aeq}$ 12h	62 dB $L_{Aeq}$ 12h
Noise at 1 metre external to a sensitive façade	Evening	1900-2300	60 dB $L_{Aeq}$ 4h	57 dB $L_{Aeq}$ 4h
Noise at 1 metre external to a sensitive façade	Night	2300-0700	55 dB $L_{Aeq}$ 1h	52 dB $L_{Aeq}$ 1h
Individual noise events several times an hour	Night	2300-0700	>82 dB $L_{Amax}$ (S time weighting)	>82 dB $L_{AMAX}$ (S time weighting)

**Table C: Vibration levels on residential sites adjoining railways and roads at which planning permission will not be granted**

Vibration description and location of measurement	Period	Time	Vibration levels
Vibration inside critical areas such as a hospital operating theatre	Day, evening and night	0000-2400	0.1 VDV ms <sup>-1.75</sup>
Vibration inside dwellings	Day and evening	0700-2300	0.2 to 0.4 VDV ms <sup>-1.75</sup>
Vibration inside dwellings	Night	2300-0700	0.13 VDV ms <sup>-1.75</sup>
Vibration inside offices	Day, evening and night	0000-2400	0.4 VDV ms <sup>-1.75</sup>
Vibration inside workshops	Day, evening and night	0000-2400	0.8 VDV ms <sup>-1.75</sup>

Where dwellings may be affected by ground-borne regenerated noise internally from, for example, railways or underground trains within tunnels, noise levels within the rooms should not be greater than 35dB(A)<sub>max</sub>

**Table D: Noise levels from places of entertainment on adjoining residential sites at which planning permission will not be granted**

Noise description and measurement location	Period	Time	Sites adjoining places of entertainment
Noise at 1 metre external to a sensitive façade	Day and evening	0700-2300	$L_{Aeq}$ 5m shall not increase by more than 5dB*
Noise at 1 metre external to a sensitive façade	Night	2300-0700	$L_{Aeq}$ 5m shall not increase by more than 3dB*
Noise inside any living room of any noise sensitive premises, with the windows open or closed	Night	2300-0700	$L_{Aeq}$ 5m (in the 63Hz Octave band measured using the 'fast' time constant) should show no increase in dB*

\* As compared to the same measure, from the same position, and over a comparable period, with no entertainment taking place

**Table E: Noise levels from plant and machinery at which planning permission will not be granted**

Noise description and location of measurement	Period	Time	Noise level
Noise at 1 metre external to a sensitive façade	Day, evening and night	0000-2400	5dB(A) <LA90
Noise that has a distinguishable discrete continuous note (whine, hiss, screech, hum) at 1 metre external to a sensitive façade.	Day, evening and night	0000-2400	10dB(A) <LA90
Noise that has distinct impulses (bangs, clicks, clatters, thumps) at 1 metre external to a sensitive façade.	Day, evening and night	0000-2400	10dB(A) <LA90
Noise at 1 metre external to sensitive façade where LA90>60dB	Day, evening and night	0000-2400	55dBL $_{Aeq}$

#### Key evidence and references

- Camden's Noise Strategy, 2002
- The London Plan (Consolidated with Alterations since 2004), 2008
- Planning Policy Guidance 24: Planning and noise