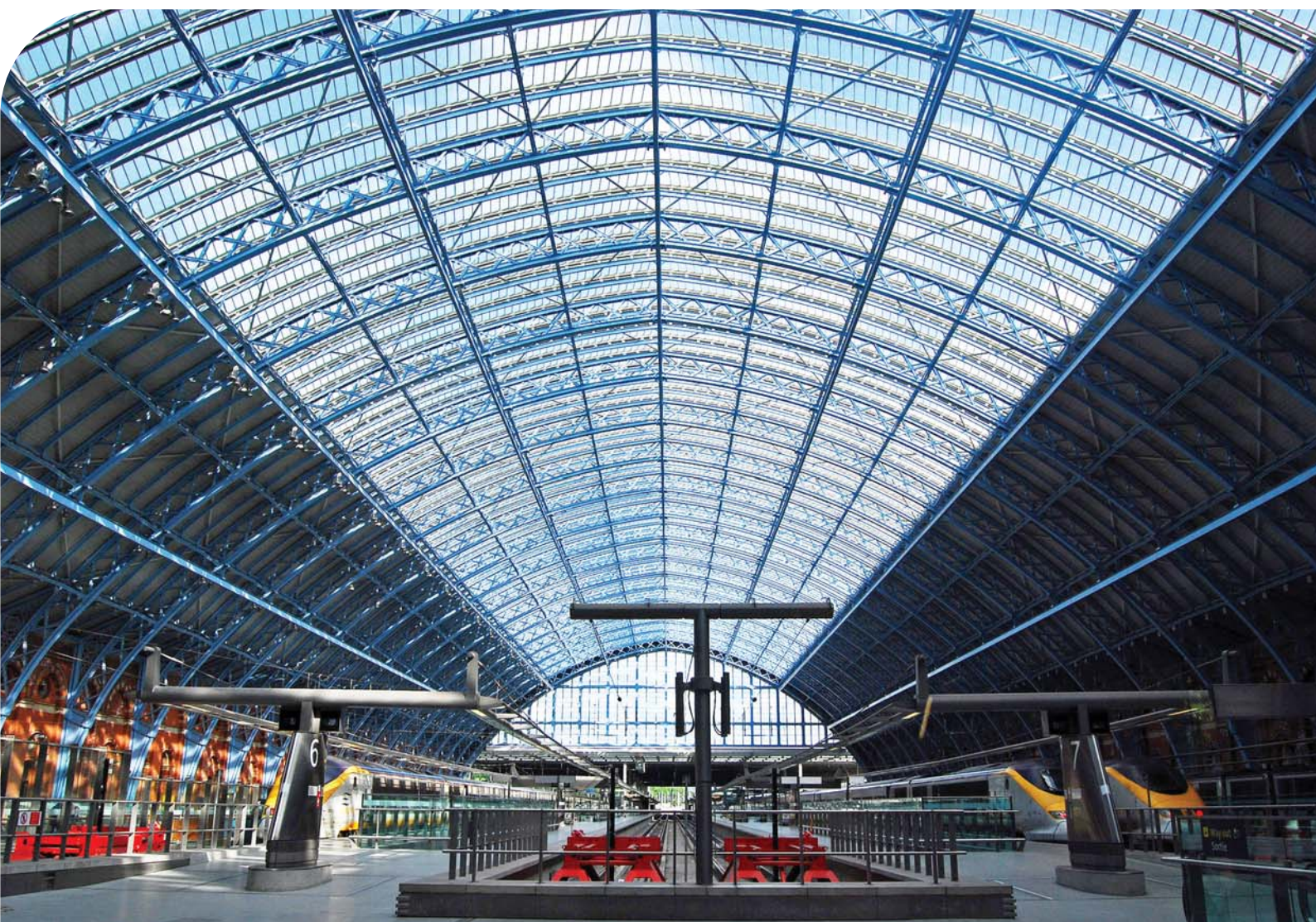


Camden Planning Guidance

Transport

London Borough of Camden

CPG 7



CPG7 Transport

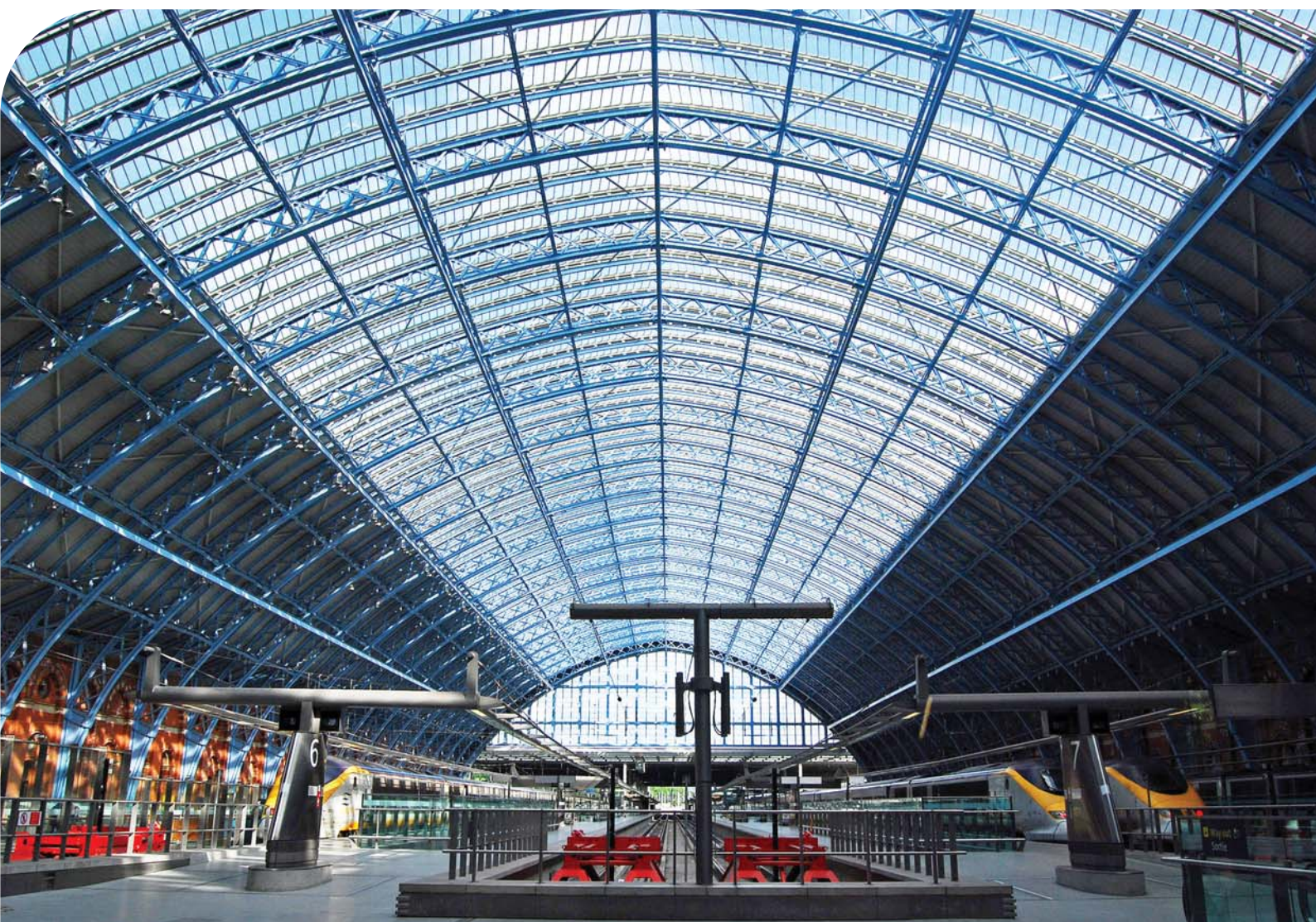
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Camden Planning Guidance

Transport

London Borough of Camden

CPG 7



3 Travel plans

KEY MESSAGES

- Travel Plans enable a development to proceed without adverse impact on the transport system
- The requirements of a Travel Plan will be tailored to the specific characteristics of the site and the development

3.1 This guidance explains the circumstances under which travel plans are sought, what they are intended to achieve, how they should be prepared, and what measures should be considered for inclusion. In addition to general guidance for travel plans, this section provides guidance on:

- Workplace travel plans;
- School travel plans;
- Residential travel plans;
- Visitor management plans; and
- Leisure and event travel plans.

3.2 It relates to paragraph 11.16 of Core Strategy policy CS11 - *Promoting sustainable and efficient travel* and policies DP16 to DP21 of the Camden Development Policies.



When does this apply?

3.3 This guidance applies to all planning applications that involve a significant impact on travel or the transport system. It will also guide consideration of Travel Plans submitted where the impacts are less, but where the transport provision does not have capacity for increased demand, and where demand management measures are desirable to

address sustainability concerns. Transport for London recommends that a Travel Plan be submitted for any residential development of over 30 units. Various uses may not fall into these categories (e.g. religious institutions), but we will seek Travel Plans where appropriate and requirements will be tailored to the characteristics of the site and the development.

- 3.4 Reference should be made to Transport for London's documents 'Guidance for workplace travel planning for development' (TfL, 2008) and 'Guidance for residential travel planning in London' (TfL, 2008) for more detailed guidance. Reference should also be made to planning guidance about Transport assessments. In line with Development Policy DP16, the Council will also require a Transport Assessment to be submitted in support of any development that significantly increases travel demand or would have a significant impact on travel or the transport system.

General guidance

- 3.5 Travel Plans are one way in which developments can contribute to meeting targets on traffic reduction and improving air quality. A Travel Plan is a package of measures, generally developed by employers or property managers, which is designed to reduce car use and promote greener forms of transport. Travel Plans will often be a mechanism that arises from a Transport Assessment as a means of enabling a development to proceed without adverse impact on the transport system. The Council, Transport for London, and partners in the North and Central Travel-plan Network can provide advice and assistance in the creation of Travel Plans by organisations that are existing, new, relocating or expanding, including hospitals, schools, and businesses organisations.
- 3.6 Where a Travel Plan is necessary in terms of policy DP16 or because elements of the transport system have no additional capacity, submissions in connection will generally be secured by S106 agreement. This is because the applicant will rarely be the final occupier of the scheme, and furthermore a Travel Plan will require ongoing development subsequent to the initial occupation. Travel Plans will require monitoring on at least an annual basis, and the Council will usually require submission of a monitoring report.
- 3.7 Travel Plans are developed over time, with a typical 3-year target being a specified reduction in the number of motor vehicle trips. This means promoting and increasing cycling, walking, and the use of public transport so that a real choice may be made between all travel methods. It is the enthusiasm and commitment of the organisation in putting the theories into action that ensures a Plan's success. Key to this is the support of senior management in the development of a Travel Plan. If the development does not replace an existing use, the Council will advise on the appropriate modal split targets.

Workplace travel plans

- 3.8 A workplace travel plan will usually contain measures geared particularly to promoting alternatives to single-occupancy car use. A workplace travel plan will be specific to each individual site and the nature of the business activity there. Workplace travel plans are potentially suitable for any organisation that generates a significant number of employee trips including offices, hospitals, distribution centres, large shops and supermarkets, cinemas and theatres, primary care centres and GP surgeries. Specific guidance is available on school travel plans where the travel of pupils needs to be considered.
- 3.9 As a minimum, a workplace travel plan should address travel by staff to and from work and on business. However, a travel plan may also address visitor, client and customer travel, suppliers making deliveries, contractors undertaking work on site and fleet procurement/management.
- 3.10 The key components necessary for all workplace travel plans are:
- corporate/management support and commitment;
 - designated travel co-ordinator;
 - consultation on the plan;
 - staff travel surveys - baseline & monitoring;
 - targets – challenging but achievable;
 - promotion of the package to the workforce;
 - monitoring – on-going, to check and maintain progress and development.
- 3.11 Detailed measures will include some or all of the following:
- restricted availability of workplace car parking, and introduction of charges;
 - a communication strategy detailing how sustainable transport and travel plan issues will be promoted to staff and visitors;
 - easily available in-house public transport information for all staff at the workplace and for visitors, including leaflets and maps, intranet and internet;
 - public transport promotion and initiatives including interest-free season ticket/ travelcard loans, and mutual beneficial links with public transport operators to increase ridership and improve the services convenient for the workplace;
 - promotion of car-sharing where walking, cycling and public transport is not an option;
 - cycle prioritisation and provision of secure and convenient facilities such as: well-lit, workplace parking; lockers; showers and changing rooms;
 - procurement of a cycle repair and servicing facility (possibly through external tender process);

- financial benefits for cyclists such as mileage allowances for work-related journeys, 0% loans and salary sacrifice initiatives for purchase of bikes and equipment, assistance with cycle insurance;
- replacement of company cars with more sustainable benefits, adjusted car allowances and loans to discourage car use and release resources for greener options;
- on-site charging for electric bikes and vehicles;
- reduction of vehicle emissions through policies such as regular emissions testing;
- scheduled replacement of any existing fleet or pool vehicles with pool bikes and other pool vehicles that use cleaner fuels;
- travel reduction initiatives – for example, increased working from home, teleworking and teleconferencing can reduce the number of employee trips to the workplace;
- walking encouragement and provision of information on the best routes to and from the workplace for commuting, working and leisure, for staff and for visitors.

School travel plans

3.12 A school travel plan (STP) can bring benefits of safer and more sustainable transport for the whole community. Each STP will need must be designed to take into account and be tailored to local circumstances. Where a school has strong links with other schools in the area, consideration should be given to developing a joint STP. An STP can potentially result in:

- Less cars and congestion around the school;
- Healthier, more active pupils, families;
- Less pollution around the school;
- Safer walking and cycling routes around the school;
- Improved school grounds with provision for bicycle storage;
- A more accessible school site; and
- Improved attendance and achievement.

3.13 All STPs have to be sent to Camden and to Transport for London for approval. It is essential that an STP complies with the Transport for London criteria used to assess STPs. It must also be signed and approved the school's Headteacher and the Chair before submission. These criteria for assessing STPs are detailed in the TfL publication 'What a school travel plan should contain'.

Residential travel plans

3.14 A residential travel plans provide a key mechanism for ensuring that sustainable access is an integral feature of a development. Each one should form a holistic package of measures integrated into the design, marketing and occupation of the site rather than 'retrofitted' once the

development is established. A residential travel plan provides a mechanism for setting out how the various parties (including the developer and future occupiers) can work together in partnership to encourage sustainable travel patterns.

- 3.15 Residential travel plans are concerned with journeys made from a single origin (home) to multiple and changing destinations. Each residential travel plan is site specific, with detailed measures partly determined by site opportunities and constraints such as the location of existing public transport routes, health facilities and workplaces in the immediate area. A residential travel plan should include parking restraint, and should support walking, cycling and public transport use. A residential travel plan should include both hard measures, such as site-design, provision of infrastructure and new services, and soft measures such as marketing, promotion and awareness-raising among residents. A S106 agreement securing a residential travel plan will also need to require that all future residents are informed of the existence of the travel plan and any restrictions it implies (for example, lack of access to parking permits in controlled zones).
- 3.16 The main objectives of a residential travel plan are to:
- address residents' need for access to a full range of facilities for work, education, health, leisure, recreation and shopping. In some cases this will mean providing facilities that reduce the need to travel, such as a local shop;
 - reduce the traffic generated by the development to a significantly lower level of car trips than would be predicted for the site without the implementation of the travel plan;
 - promote healthy lifestyles and sustainable, vibrant local communities;
 - encourage good urban design principles that open up the permeability of the development for walking and cycling linked to the design and access statements;
 - address specific problems identified in the site's Transport Assessment - for example, a road safety problem that prevents children or older people from gaining access to key facilities.
- 3.17 There are two distinct phases in development of a residential development plan:
- 3.18 Stage 1 should cover design, construction, occupation, and the first monitoring and review period. Preparation and implementation will initially rest with the developer or a consultant appointed by the developer, however implementation may involve a steering group which has representation from different agencies such as the local authority, public transport operators and residents (once they are in occupation). At this stage, the developer, the manager of the development, and the person designated as travel plan coordinator will have to be closely involved in managing and refining the travel plan. This period is crucial in terms of ensuring that the measures outlined in the plan are actively

implemented as part of the development and that the objectives and targets identified in the plan have potential to be met.

- 3.19 Stage 2 will be after full occupation of the development and completion of all measures to integrate the development with the surrounding area. Responsibility for managing and developing the travel plan will generally need to be passed on, and measures put in place to ensure that implementation of the plan continues.
- 3.20 It is important that an effective management structure is put in place to enable the overarching responsibility for the plan to be passed from the developer to the residents or to a residents' management company or to another body such as the Council. The manager will need to be able to ensure the continuation of travel plan measures such as car clubs, car share schemes. A residential travel plan will therefore need to specify its own management structures, which should generally have the following characteristics:
- identifying the developer as the party responsible for delivering the travel plan and for initial implementation, including responsibility for achieving the targets and objectives established in the travel plan. The plan should specify clearly at what point the developer can pass on responsibility for the plan wholly to residents, a management committee, or similar. Up to that time, steering groups and other management structures may assist in implementing the travel plan, provided that the developer retains ultimate responsibility;
 - establishing the ongoing management committee or group with a clear purpose, accountability and ability to take action – this is most likely to be achieved by developing a constitution for the group;
 - providing funding to ensure ongoing administrative support for the group once established and adequate resources to carry out continuing travel plan measures

Visitor management plan

- 3.21 Where developments are likely to involve visitors arriving and leaving in taxis and coaches, submitted proposals should show how these can be accommodated without harm, and a Visitor Management Plan may be required to where it is necessary to impose controls on the types of vehicle, the times of arrival, and the specified picking-up and setting-down points.

Leisure and event travel plan

- 3.22 Event travel plans are designed for short-term events (either regular or one-off) and as such will be implemented differently to workplace travel plans. The general structure of the plan will be similar but the content of each section will be different when dealing with events.

3.23 An event travel plan should contain the following:

- Background information - providing an overview of the event and its organisers and including information on any existing environmental policy, why a travel plan is being produced and detailing the location of the event along with some information on the site's accessibility.
- Site audit and survey - providing the information to inform the rest of the travel plan. The site audit provides details on how accessible the site is by various forms of transport and includes both on-site and off-site infrastructure.
- Aims and objectives - broad statements of intent regarding what it is hoped the travel plan will achieve.
- Targets - There are two types of target that can be set for a travel plan. The first is known as an 'aim-type' target and is generally based on the percentage share of each travel mode used, and the other type of target that is set is the 'action-type' target which sets a deadline for a certain action to have taken place.
- Measures - detailing the various incentives and initiatives that can be employed to achieve the targets set in the previous section. The measures that are implemented will depend on various factors including the results of the surveys, the size of the event (area or number of visitors), the site audit and the amount of funding available.
- Monitoring Strategy and Management Structure – in order to record the overall success of the travel plan as well as how effective individual measures have been.
- Action Plan – providing a summary of how the travel plan will be implemented and monitored. An action plan typically lists the measures that are due to be implemented along with details on who is responsible, when they are to be undertaken, how the success will be gauged and which aims and objectives they relate to.

Further information

Government resources related to travel plans can be viewed in the sustainable travel section of: www.dft.gov.uk

Residential and employment travel plans best practice guidance documents, Transport for London, forthcoming 2006-07 – when published these will be available from TfL at: 0845 305 1234

What a school travel plan should contain, Transport for London - this can be viewed on the Camden Schools/ School Travel Plans/ Success Factors pages in the education section of Camden's website - www.camden.gov.uk/ccm/navigation/education/camden-schools/school-travel-plans/success-factors/

5 Car free and car capped development

KEY MESSAGES

- We expect car free development in the borough's most accessible locations and where a development could lead to on-street parking problems
- Legal agreements will be used to maintain car-free and car-capped development over the lifetime of a scheme

- 5.1 This section explains further the terms car-free and car-capped development, as referred to in the Camden Core Strategy and Camden Development Policies, the mechanisms that are needed to secure them, and the circumstances in which it will be appropriate for the Council to refuse additional dwellings that are not car free or car capped.
- 5.2 It relates to Core Strategy Policy CS7 – *Promoting sustainable and efficient travel* and policies DP18 – *Parking standards and limiting the availability of parking* and DP19 - *Managing the impact of parking* of the Camden Development Policies.

Car-free development

A development which has no parking within the site and occupiers are not issued with on-street parking permits

Car-capped development

A development which has a limited amount of on-site car parking, but no access to on-street parking permits.

- 5.3 Car-free and car capped development is successful in Camden because most of the borough has very good access to public transport services. Levels of car ownership are low compared with London generally, and choosing not to own a car can be an attractive lifestyle option. The guidance in this section covers:
- What car free development is, and where it is sought;
 - What car capped development is, and where it is sought;
 - Implementation of off-street parking restrictions for car-free and car-capped development, including partial provision of car free and car capped development, and maintaining the on-street parking rights of existing occupiers;
 - Meeting the parking needs of disabled people.

When we expect car free and car capped housing

- 5.4 Car free and car capped requirements apply to developments in particular locations and circumstances:
- we expect car free development in the Central London area, our town centres and other areas with high public transport accessibility (see Development Policy DP18);

- we will also expect car free development where the creation of a new access could lead to on-street parking problems where the loss of kerb space creates unacceptable parking pressure. Refer to Development Policy DP21, and the Access section of this guidance for more information);
 - Car capped development applies to schemes that would have an unacceptable impact on on-street parking conditions or highway management and safety through the introduction of new units with access to on-street parking permits (see Development Policy DP19).
- 5.5 Car-free or car-capped housing may be sought wherever development involves the creation of one or more additional dwellings – whether newly built, or created by a conversion or change-of-use.
- 5.6 Non-residential development can potentially involve car-free or car-capped designation if it creates a new non-residential address or involves a change-of-use that would otherwise increase the demand for car parking. This reflects the operation of the parking permit scheme, where permits relate to individual addresses.

Car free development

- 5.7 Car-free development is development that does not have any car parking. No parking is provided or allowed on the site (except parking designated for disabled people), and all of the dwellings or units created are not entitled to on-street car parking permits. Where we seek car free development our parking standards do not apply as no parking is allowed.
- 5.8 Camden Development Policy DP18 states that we 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 highly accessible areas.
- 5.9 'Highly accessible areas' are considered to be areas with a public transport accessibility level (PTAL) of 4 and above. The PTAL of a specific site can be established using Transport for London's Planning Information Database website pages, which can be found at: <http://webpid.elgin.gov.uk/>.
- 5.10 Car free development will also be required where the creation of an access to allow off-street parking would reduce the availability of on-street parking (see also section 6 of this guidance on vehicle access), or would otherwise cause problems relating to highway management or safety. Policy DP19 of the Camden Development Policies states that we will resist developments that would harm on-street parking conditions or harm highway safety.

Car capped development

- 5.11 Car-capped development is development in which all of the dwellings or units created are not entitled to on-street car parking permits, although some or all of the dwellings or units created may have a parking space

on the site, in accordance Camden's parking standards (see policy DP18 and Appendix 2 of the Camden Development Policies). It therefore differs from car free development because some on-site car parking is allowed, in line with Camden's parking standards.

- 5.12 Car capped development is sought in developments that are not in the locations listed in paragraph 4.7 above, where additional off-street spaces can be accommodated within the development without harming highway or on-street parking conditions, but where additional on-street car parking is not considered acceptable.

Circumstances where additional on-street car parking is not acceptable

- 5.13 There are parts of the Borough where increasing competition for on-street parking through introducing additional premises with on-street parking rights is not acceptable. This is generally the case in the Central London Area, but also in many other areas where the parking spaces available cannot meet existing demand. This has implications for queuing and congestion, illegal parking, and highway safety. In these circumstances, if a developer will not enter into an agreement to designate the additional development as car-free or car-capped, planning permission will not be given.
- 5.14 In considering the ability of available on-street parking to accommodate the impact of additional development, we will have regard to the cumulative effect of proposals in the area, including unimplemented and partly implemented schemes already granted planning approval.
- 5.15 Our Parking and Enforcement Plan provides regularly updated permit data, which is used to establish levels of on-street parking pressure on each of the borough's roads. This information will be used when considering the acceptability of applications that would involve the potential allocation of additional on-street parking permits to the future occupiers of new development.

Implementation of on-street parking restrictions for car-free and car-capped development

- 5.16 The whole of Camden has controlled parking and, in principle, is appropriate for car-free or car-capped development. On most days, most parking spaces on residential streets are only available to people holding a parking permit issued by the Council. In Controlled Parking Zones we can restrict access to on-street car parking because we can control the issuing of parking permits.

Controlled Parking Zones

Designated areas in regulations control how parking may be used on different sections of the street and at different times.

- 5.17 In order to be able to maintain car-free and car-capped development over the lifetime of a scheme, the developer will be required to enter into

a legal agreement under Section 106 of the Town and Country Planning Act 1990 (as amended), which would permanently remove the entitlement to an on street parking permit for each home created:

- 5.18 The legal agreement requires the owner of the development to inform incoming occupiers that they are not eligible to obtain a parking permit for on-street parking, or to purchase a space in a Council-controlled car park. This part of the legal agreement stays on the local search in perpetuity so that any future purchaser of the property is informed that occupiers are not eligible for parking permits.

Maintaining on-street parking rights of existing occupiers

- 5.19 Existing parking rights can normally be retained on development sites, where it can be demonstrated that existing occupiers are to return to the address when it is completed. This is common where an existing dwelling or block is being extended or subdivided. It can also occur where a change-of-use brings a site or property into residential occupation.
- 5.20 If a development is to have new occupiers, existing parking rights will not apply, and the Council will apply its car-free / car-capped policies as set out in Development Policies DP18 and DP19.

Meeting the needs of disabled people

- 5.21 Car-free development and car-capped development should be designed taking into account the needs of disabled car users. Blue Badge holders are able to use parking spaces in Controlled Parking Zones without a parking permit. Minimum parking standards apply to parking for people with disabilities, and 1 parking space for people with disabilities is required per 10 general-purpose dwellings (see Appendix 2 of the Camden Development Policies document). In addition, where car-free and car-capped developments contain wheelchair housing, the Council will expect a parking space to be provided for each wheelchair dwelling. Where a resident in need of a reserved disabled parking space moves into a development with no off-street spaces, the Council will consider a request for a designated disabled space on-street in the same way whether the development is formally car-free or not.

Further information

- 5.22 In addition the guidance above regard should also be had to Camden's Parking and Enforcement Plan (2004), which provides further information on our approach to managing parking in the borough.

8 Streets and public spaces

KEY MESSAGES

- New development should contribute to the creation of attractive, clean and well-maintained public places
- All new pedestrian areas and footpaths are required to be constructed to a standard that is considered appropriate for adoption by the relevant Highway Authority.

- 8.1 This section provides guidance on the design and layout of streets and public spaces. It aims to ensure that a good quality pedestrian environment and good pedestrian access are provided. This includes ensuring that development is accessible to all members of the community, including all disability groups.
- 8.2 The guidance relates to Camden Core Strategy Policy CS11 - *Promoting sustainable and efficient travel* and policies DP16 - *The transport implications of development* and DP17 - *Walking, cycling and public transport* and DP21 - *Development connecting to the highway network* in Camden Development Policies.

Public realm

All areas to which the public has open access.

Legible London scheme

A new signage scheme which aims simplify pedestrian movement around London.



- 8.3 This section includes guidance for the design and layout of streets and public spaces including:
- quality of the public realm;
 - ease of pedestrian movement;
 - street furniture;
 - footpaths that are not alongside roads,
 - our approach to shared surfaces; and
 - information on the Legible London scheme.

When does this apply?

- 8.4 This guidance applies to planning applications that involve a change in the way that pedestrians access a site or move in and around the site, and also applications that change vehicle movements in a way that will affect pedestrians.
- 8.5 It should guide arrangements for pedestrians that arrive by car, public transport or bicycle, as well as those arriving on foot.

The design and layout of streets and public spaces

CAMDEN STREETSCAPE DESIGN MANUAL (2005)

Provides useful guidance for those who are planning the design and layout of streets and public spaces. The manual sets out the Council's detailed expectations for street works in the borough, addressing issues such as responding to local character, footway design and materials, and street furniture.

General principles

- 8.6 We will seek improvements to streets and spaces to ensure good quality access and circulation arrangements for all. This includes improvement to existing routes and footways that will serve the development. Key considerations informing the design streets and public spaces include the following:
- Camden Streetscape Design Manual;
 - ensuring the safety of vulnerable road users, including children, elderly people and people with mobility difficulties, sight impairments, and other disabilities;
 - maximising pedestrian accessibility and minimising journey times;
 - providing stretches of continuous public footways without public highway crossings;
 - linking to, maintaining, extending and improving the network of pedestrian pathways;
 - maximising pedestrian safety by providing adequate lighting and overlooking from adjacent buildings;
 - taking account of surrounding context and character of area

- providing a high quality environment in terms of appearance, design and construction, paying attention to Conservation Areas, and using traditional materials (such as natural stone or granite setts) where appropriate,
- use of paving surfaces which enhance ease of movement for vulnerable road users; and
- avoiding street clutter and minimising the risk of pedestrian routes being obstructed or narrowed, e.g. by pavement parking or by street furniture.

Ensuring high quality public spaces

- 8.7 The Core Strategy seeks to ensure that new development contributes to the creation of attractive, clean and well-maintained public places (see Policy CS14). It is essential that new streets and public spaces integrate with surrounding spaces and links, and are designed and built to a high standard, including through the use of good quality materials. The government's Manual for Streets provides useful guidance on achieving successful public spaces, and Camden's Streetscape Design Manual sets out guidance on how to ensure works contribute to local character and distinctiveness.
- 8.8 Where developments generate the need for works to road, highways and adopted public spaces, these should be funded by the developer (see CPG8 Planning obligations for transport provision) but carried out by the council in order to ensure consistent high standards of implementation and materials in streets and public spaces. In line with policy DP21 of the Camden Development Policies, all new pedestrian areas and footpaths are required to be constructed to a standard that is considered appropriate for adoption by the relevant Highway Authority.

Street clutter

Excessive use of road signs, bollards and lampposts leading to an untidy street environment.

Ease of pedestrian movement

- 8.9 Footways should be wide enough for two people using wheelchairs, or prams, to pass each other. We seek to maximise the width of footways wherever possible. The Camden Streetscape Design Manual sets out minimum widths for different kinds of footways.

Wayfinding

The process of navigating or defining a path through an environment.

- 8.10 Policy DP21 of the Camden Development Policies document states that we will expect works affecting highways to avoid unnecessary street clutter. Design of footways should not include projections into the footway, unnecessary and cluttered street furniture or other obstructions. Any minimum standards for footway widths should not be used to justify the provision of unnecessary street clutter or reduction in footway width.

The Council will generally resist proposals that involve the opening of doors into footways as they raise safety concerns, and can obstruct pedestrians.

- 8.11 Footways should be designed with frequent and convenient road crossing points for pedestrians. The detailed design of edges, crossings and gradients should take into account the need for the maintenance of minimum pavement widths, ease of movement and wayfinding, and appropriate measures for those with visual impairments and mobility difficulties. The Camden Streetscape Design Manual and DETR 'Guidance on the use of Tactile Paving Surfaces 1998' provide useful guidance which should be used to inform the design of edges, crossings and gradients.

Tables and chairs

- 8.12 The Council will sometimes licence the placing of tables and chairs on the footway in association with adjacent cafes and similar uses. The area where tables and chairs may be placed must be designated and must not interrupt the area of footway for pedestrian movement. The licence will specify permitted hours, after which the removal of tables and chairs will generally be required. Further guidance on tables and chairs is provided in CPG5 Town centres, retail and employment.

Lighting, signage and street furniture

- 8.13 Footways should be well lit and well signed, but with care to avoid light pollution and obstructions. Wherever possible, lighting and signs should be placed on buildings or existing street furniture to minimise footway clutter. Please also see paragraphs 7.17 to 7.22 on Legible London below.
- 8.14 The installation of seating, bus shelters, litter bins and cycle parking is encouraged in association with new footways provided that it will improve the pedestrian environment, and the use of sustainable modes of transport. However, they should be positioned so they do not interrupt the minimum area of footway designated for pedestrians. If possible, cycle stands (and cycles parked at them) should be wholly clear of the footway.

Footpaths that are not alongside roads

- 8.15 Footpaths independent of roads can be beneficial in terms of directly following the most direct routes for pedestrians and creating pleasant environments. However, great care is needed to provide security for pedestrians and discourage anti-social behaviour. Designs should consider:
- lighting;
 - natural overlooking from adjacent buildings;
 - maintaining visibility over the full stretch of the route between roads;
 - the appropriateness of planting; and

- avoiding features that could conceal assailants.

Pedestrian and vehicle shared surfaces

- 8.16 Policy DP17 of the Camden Development Policies states that we will seek shared surfaces in appropriate circumstances and where it will be safe for all users. Safety and accessibility for all will be examined thoroughly in any shared surface proposal.

Shared surface

A highway where distinction between pedestrian and vehicle areas has been removed or reduced and sends a strong signal that the whole of the highway space is open equally to all users.

- 8.17 Where shared surfaces are used, a combination of other traffic management measures should also be used to reduce vehicle speeds to 5-10 mph. Measures to reduce vehicle speeds should not limit visibility for pedestrians and vehicles, and must not prejudice safety. Further measures to promote safety include
- the removal of parked vehicles from the shared surface to avoid potential conflicts with children at play; and
 - provision of clear routes and surface textures to assist orientation of people with visual impairments.

Legible London wayfinding signage

- 8.18 Legible London was set up by Transport for London (TfL) in partnership with London boroughs to create a standard pedestrian wayfinding and signage system for central and inner London. It is a map-based system which gives users a good understanding of the surrounding area and encourages them to choose their own route to a specific destination.
- 8.19 Legible London signage is supported in Camden's Core Strategy Policy CS11 as a key element of Camden's approach to promoting walking in the borough. It has also been adopted by other London boroughs and thus provides consistent pedestrian signage across central and inner London.
- 8.20 The Legible London standard has been adopted by Camden and all new signs on the public highway should be of a Legible London type. The Council will also seek Legible London signage on private land, where appropriate.
- 8.21 TfL's Legible London programme currently covers the Central London area and we will extend the Legible London scheme throughout the borough, prioritising key destinations and busier areas, such as our town centres (see Core Strategy Policy CS11 paragraph 11.11). We will seek on-site provision of Legible London signage in these areas as appropriate, and on developments that contain:
- key routes to or through the site;

- decision points, arrival points and places where pedestrians are likely to gather;
 - complex spaces and areas outside civic spaces and public buildings.
- 8.22 Where relevant, sign types and quantities should tie into any relevant area strategies produced by the Council, in partnership with TfL.
- 8.23 As well as on-site provision, developments will also be expected to provide contributions to the Legible London in other locations, where appropriate, in order to mitigate the increased level of activity their development generates (see transport section of CPG8 Planning obligations).

Highway authority approval

- 8.24 Works to streets and public spaces also require separate approval from the relevant highway authority (usually Camden council). You are advised to contact our Highways department as soon as possible to discuss the approach to and proposed works to streets and public spaces.

Further information

- 8.25 In addition to Camden's Core Strategy, Development Policies, the Camden Streetscape Design Manual and other sections in this guidance, reference should be made to the following guidance:
- Manual for Streets, DfT, 2007
 - Residential roads and footpaths: layout considerations – DfT Design bulletin 32 (2nd edition), HMSO 1992
 - Guidance on the use of tactile paving surfaces, DETR 1998 - this can be viewed on the 'transport infrastructure, pedestrians, wheelchair and scooter users' pages in the 'access for disabled people' section of: www.dft.gov.uk

9 Cycling facilities

KEY MESSAGES

This section includes guidance on:

- The implementation of our minimum cycle parking standards for new development;
- The design and layout of cycle parking; and
- Cycle hire and cycle stations.

9.1 This section provides guidance on meeting cycle parking standards in an effective way, so that cycle parking is convenient and secure, and users of a development are more likely to use bicycles to travel to and from the site.

9.2 It relates to Core Strategy Policy CS11 – *Promoting sustainable and efficient travel* and policies DP17 – *Walking, cycling and public transport* and DP19 – *Parking standards and limiting the availability of parking* of the Camden Development Policies. It should be read in conjunction with Development Policies Appendix 2 – Parking standards.

When does this apply?

9.3 This guidance applies to:

- Applications which involved the creation of one or more additional dwellings;
- Applications which proposed additional floorspace of 500 sq m or more; and
- Applications which are likely to significantly increase the demand for people to cycle to the site.

How do we implement our cycle parking standards?

9.4 Numerical standards for cycle parking spaces are introduced by policy DP18 of the Camden Development Policies, and set out in detail in Development Policies Appendix 2. These standards are applied at a threshold of 500 sq m in most cases. Throughout the standards, the stated number of spaces relates to the number of bicycles to be accommodated, not to the number of stands.

9.5 Where a development crosses the threshold, requirements apply to the entire floorspace, not only the floorspace above the threshold. For example, at a new leisure development, 1 visitor cycle parking space per 250 sq m is required from a threshold of 500 sq m. This means that no requirement applies to a facility of 400 sq m, but 4 visitor spaces are required for a facility of 1,000 sq m.

9.6 Thresholds and standards are given as a gross floor area (GFA) relating to the development as a whole, and are not intended to be applied

separately to individual units where a development is subdivided into smaller units. Thus, space for cycles may be required for small premises (under 500 sq m) which form part of a larger development.

- 9.7 Table 6.3 of the London Plan sets out additional cycle parking standards and states that additional cycle parking provision will be required for larger (C3) residential units.

Location, design and layout of off-street cycle parking

- 9.8 Cycle parking should be provided off-street, within the boundary of the site. Cycle parking needs to be accessible (in that everyone that uses a bike can easily store and remove a bike from the cycle parking) and secure (in that both wheels and the frame can easily be locked to the stand). Security is a critical concern in the location, design, enclosure and surveillance of all cycle parking. The table below provides detailed guidance on the location, design and layout of cycle parking for various groups of cyclists.

Location of off street cycle parking

General

- Cycle parking outside buildings should be positioned near entrances and where frequent surveillance is possible. For short stays, the parking should be sited within 25 metres of building entrances. For stays of over an hour, the parking should be sited within 50 metres of building entrances.
- All cycle parking, including all parts of the parked cycles, should be clear of routes needed for pedestrian movement.
- The route to cycle parking from street level should be step free. cycle parking inside buildings should be at the entrance level of the building or accessible by a ramp or lift from street level that can accommodate a bike.

Parking for visitors

Parking for visitors should be clearly visible or clearly signed from the public highway, and should be near building entrances

Parking for employees (and other long stay parking)

Parking for employees (and other long stay parking) should be provided either within the building, or otherwise protected from the weather. Consideration should be given to providing lockers and showers for cyclists. For larger development this would be expected and would be a requirement of a Travel Plan (see section 2 of this guidance concerning Travel Plans).

Parking for residents

Parking for residents should be within the building. Parking for a resident may take the form of a space within an individual dwelling provided that the space is close to the door of the dwelling, and access to the dwelling is level, or by a ramp or lift that can accommodate a bike.

Design and layout of cycle parking: Sheffield and “Camden” cycle stands

The Council recommends the use of either “Camden” or Sheffield for the provision of off-street cycle parking, as they meet the Council’s requirements in terms of accessibility and security, provided they are laid out correctly.

- The “Camden” stand is a new form of Sheffield Stand, which is now used for all new cycle parking installed on Camden’s public highway. Developers are encouraged to use it in place of the Sheffield stand, although the Sheffield stand is still acceptable. The Council’s Public Realm and Transport team can advice on purchasing “Camden” stands as they are not as widely available as the Sheffield stand.
- The Sheffield Stand is the most common type of cycle stand used in the public highway. It is recommended for use along with Josta two-tier cycle parking;

Annex 1 provides more detailed guidance on the design and layout of “Camden”, Sheffield and Josta stands.

We are willing to consider other forms of cycle parking, however you must meet our accessibility and security requirements, details of which can be obtained from the Council’s Public Realm and Transport team. Generally, designs that require cycles be lifted into place or provide insufficient opportunity to lock the cycle will not be acceptable.



The London Cycle Hire Scheme

- 9.9 The London Cycle Hire Scheme is a public bicycle sharing scheme for short journeys in and around central London. Users can pick up a bike from a docking station, use it for short journeys, then drop it off at any docking station, ready for the next person.
- 9.10 Whilst the cycle hire scheme is currently focused around central London, the Mayor of London is investigating its expansion. The Camden Core Strategy states that we will seek to ensure that the scheme is extended to key destinations across the borough, including our town centres (see Core Strategy paragraph 11.13).
- 9.11 Where appropriate, developments close the area covered by the London Cycle Hire Scheme will be expected to contribute towards the scheme,

where justified as a result of increased trips generated. Contributions could include:

- a financial contribution towards cycle hire facilities. The amount sought will be based on the number of additional trips that are generated by the scheme;
- provision of space on-site to accommodate new cycle hire docking stations, in larger developments where there is space and the location is suitable. Transport for London (TfL) is producing a set of guidance for developers regarding specifications and design requirements for docking stations due to be released in 2011.

9.12 Contributions sought will relate both to the individual impact of a scheme and to any cumulative impact of a number of schemes in the same area.

Cycle stations

9.13 Cycle stations provide a secure managed area for cycle parking. The Camden Core Strategy promotes the provision of cycle stations as part of an effort to increase the availability of cycle parking in the borough (see paragraph 11.13 of the Core Strategy), and we intend to create a network of publically accessible cycle stations across the borough.

9.14 We will seek the provision of cycle stations in locations where it will be possible to attract a sufficient number of users. Suitable locations include:

- town centres and the central London area;
- transport interchanges;
- large commercial developments;
- residential areas - linked to new and existing residential development of a suitable scale; and
- larger health and education facilities.

9.15 Where developments generate an increased level of activity they will be expected to provide contributions towards the provision and maintenance of nearby cycle stations, in order to mitigate the effects of the increased number of journeys.

9.16 We will also seek on-site provision of cycle stations as part of larger developments in suitable locations. On-site provision of cycle stations can incorporate a development's cycle parking requirements for visitors (as set out in our parking standards), but should also include extra provision for the wider public. Parking provision for employees and residents of a development, as set out in our parking standards, should be provided separately in order to ensure that they retain the appropriate number of spaces to meet the demand that they generate.

Design of cycle stations

9.17 As a minimum, cycle stations should incorporate indoor, sheltered standard cycle parking (e.g. Camden or Sheffield type cycle stands) with

controlled access to the indoor area, and lighting. Cycle stations can incorporate a variety of other features including automated cycle locks, changing facilities, lockers, toilets and showers. Access to and from the cycle station by bike must be safe and convenient and accounted for within the space.

9.18 The Camden Cycle Stations Programme - Review of Best Practice (March 2009) provides information on best practice in the provision of cycle stations. Features that contribute to a successful cycle station include:

- Being located not more than 100m from the target destination, with shorter stays requiring shorter distances;
- Good surveillance by staff, other users and passers-by.
- Effective maintenance and management
- Clear and unambiguous signing to and within the cycle station.

Further information

9.19 In addition to the guidance provided in Annex 1 below (which includes details on the layout of off-street cycle parking), reference may also need to be made to the Camden Streetscape Design Manual. The manual contains dimensions for on-street cycle parking and the widths required for unobstructed pedestrian routes.

9.20 Other supporting documents include:

- Forthcoming TfL Design and specification of cycle hire scheme
- Forthcoming TfL Guidance on Cycle Stations
- Camden Cycle Stations Programme - Review of Best Practice (March 2009)

9.21 London Cycle Network Design Manual (London Cycle Network Steering Group, March 1998)

Annex 1 – Sheffield Stand Cycle Parking

9.22 This Annex describes in detail how to lay out Sheffield stands. It also can also be applied to the layout of “CaMden” stands.

9.23 The "Sheffield Stand" refers to a common design of cycle parking made from a tubular steel loop, approximately 50mm to 75mm in diameter, that is fixed to the ground (either bolted through a baseplate or set in concrete). Each Sheffield Stand can accommodate two bicycles, one either side, provided there is sufficient clearance next to the stand and sufficient circulation space so all cycle parking spaces can be accessed

9.24 The CaMden Stand is similar to the Sheffield Stand but is in the shape of a rounded “M” rather than a simple loop. This is designed to encourage users to lock both wheels and the frame to the stand, rather than just the top tube / frame.

Figure 3. Sheffield Stand Elevation

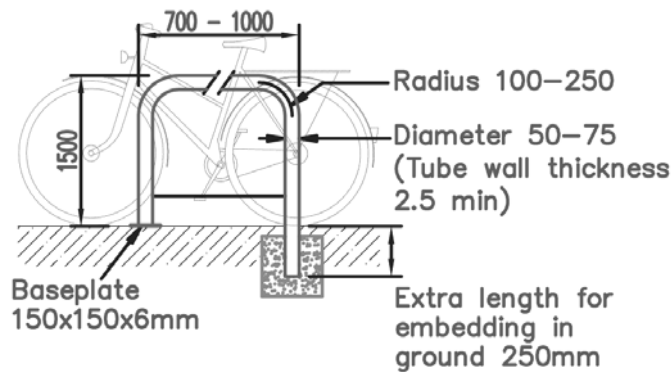
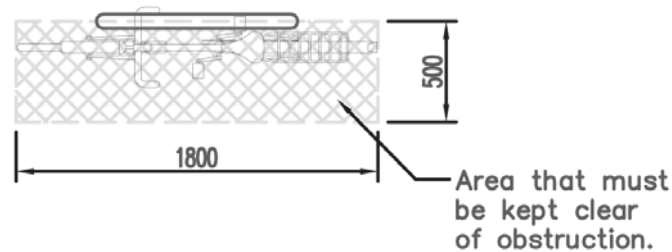
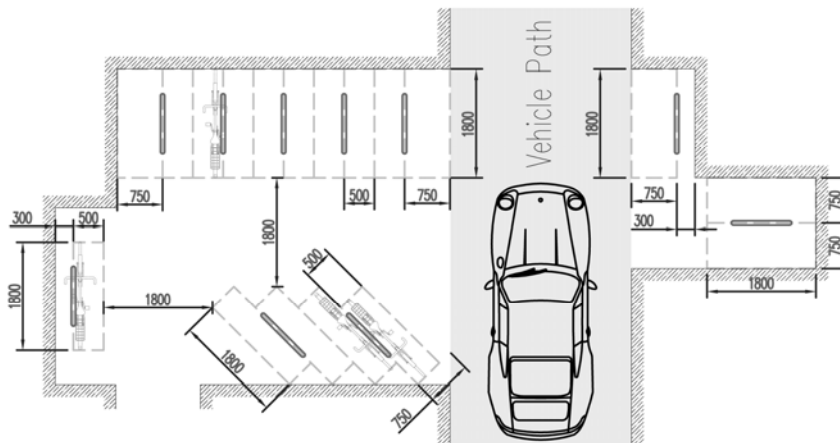


Figure 4. Sheffield Stand Plan



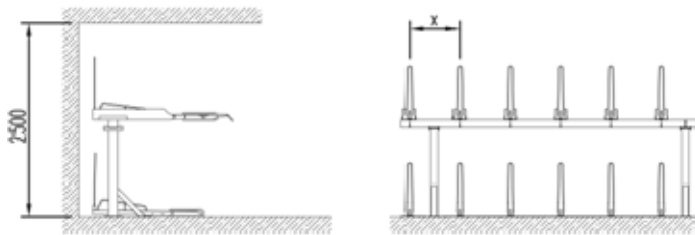
- 9.25 For adjacent stands, an area of at least 1800mm by 500mm next to the stand (measured from the centre line of the tube), must be kept clear for each cycle parking space to allow room for the cycle and working space for locking the bike to the stand. However, if a stand is next to a physical obstruction, such as a wall or a vehicular path, there must be at least 750mm between the stand and the physical obstruction to enable both sides of the stand to be used. If a stand is to be placed close to a wall or other physical obstruction so that only one side of it can be used (i.e. only one cycle can be locked to it), there must be at least 300mm between the stand and the physical obstruction.
- 9.26 Aisles around the cycle store must be at least 1800mm in width. An example cycle store showing various layout options is shown below. Note that the area to be kept clear does not actually have to be marked on the ground, but is shown in outline for clarity.

Figure 5. Cycle stand siting

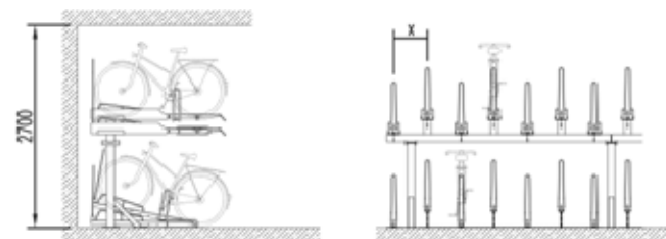


Josta Two-tier Cycle Parking

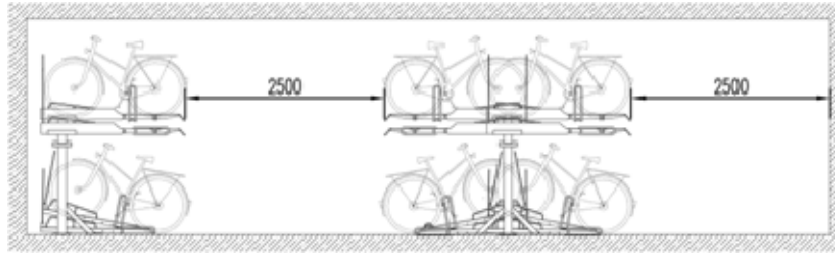
- 9.27 The Josta two-tier cycle parking system (or similar) is generally able to accommodate approximately twice as many cycles per square meter of floor space as Sheffield stands. It also still meets the Council's requirements for accessibility and security, but requires a ceiling height of at least 2500mm.
- 9.28 With a ceiling of at least 2500mm the stands can be placed 650mm apart, i.e. $X = 650\text{mm}$ in the diagram below.



- 9.29 With a ceiling of at least 2700mm the stands can be placed 400mm apart, i.e. $X = 400\text{mm}$ in the diagram below.



- 9.30 In order to enable the top tier to be used, at least 2500mm of clearance in front of the stand, measured on a line at the same angle at which the top tier stands are extended (see diagrams below), is required between rows of stands, walls or other obstructions.



- 9.31 The Josta stands can be arranged at different orientations (angles) provided there is 2500mm of clearance in front of the rack to remove cycles from the top tier (as described above) and aisles around the cycle store at least 1800mm in width. Examples, with minimum distances are shown below. "X" indicates the spacing between stands, which depends on the ceiling height as described on the previous page.

Figure 6. Josta Stand minimum siting dimensions

